Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN073018\
Data File : BN002190.D
Acq On : 30 Jul 2018 17:50
Operator : JU/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId :

Quant Time: Jul 31 01:24:47 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	3140	0.40	ng		0.00
7) Naphthalene-d8	10.47	136	12962	0.40	ng		0.00
13) Acenaphthene-d10	14.32	164	7124	0.40	ng		0.00
19) Phenanthrene-d10	17.07	188	14516	0.40	ng		0.00
27) Chrysene-d12	21.27	240	11233	0.40	ng		0.00
34) Perylene-d12	23.50	264	10233	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.32	112	2748	0.38	ng		0.00
5) Phenol-d6	6.88	99	3323	0.37	ng		0.00
8) Nitrobenzene-d5	8.84	82	3728	0.38	ng		0.00
11) 2-Methylnaphthalene-d10	12.06	152	7352	0.39	ng		0.00
14) 2,4,6-Tribromophenol	15.83	330	1018	0.33	ng		0.00
15) 2-Fluorobiphenyl	12.94	172	10769	0.39	ng		0.00
25) Fluoranthene-d10	19.11	212	12452	0.35	ng		0.00
29) Terphenyl-d14	19.71	244	9475	0.39	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.29	88	1366	0.386	ng		95
3) n-Nitrosodimethylamine	3.62	42	776	0.355	ng	#	89
6) bis(2-Chloroethyl)ether	7.13	93	3183	0.372	ng	#	86
9) Naphthalene	10.52	128	11436	0.391	ng		96
10) Hexachlorobutadiene	10.80	225	2463	0.389	ng	#	54
12) 2-Methylnaphthalene	12.13	142	7670	0.388	ng		98
16) Acenaphthylene	14.04	152	11433	0.376	ng		100
17) Acenaphthene	14.38	154	7599	0.388	ng		96
18) Fluorene	15.37	166	9152	0.380	ng	#	80
20) 4-Bromophenyl-phenylether	16.26	248	3244	0.395	ng	#	78
21) Hexachlorobenzene	16.38	284	3706	0.408	ng		96
22) Pentachlorophenol	16.74	266	566	0.342	ng		88
23) Phenanthrene	17.11	178	13812	0.382	ng		99
24) Anthracene	17.21	178	10843	0.363	ng		96
26) Fluoranthene	19.14	202	13550	0.345	ng		97
28) Pyrene	19.50	202	13611	0.410	ng		100
30) Benzo(a)anthracene	21.26	228	10436	0.369	ng		95
31) Chrysene	21.30	228	12293	0.389	ng		99
32) Bis(2-ethylhexyl)phthalate	21.18	149	4337	0.336	ng	#	94
33) Indeno(1,2,3-cd)pyrene	25.72	276	12975	0.435	ng	#	93
35) Benzo(b)fluoranthene	22.83	252	11053	0.367	ng	#	91
36) Benzo(k)fluoranthene	22.88	252	12026	0.385	ng	#	93
37) Benzo(a)pyrene	23.40	252	10599	0.389	ng	#	93
38) Dibenzo(a,h)anthracene	25.74	278	10726	0.404	ng		97
39) Benzo(g,h,i)perylene	26.40	276	11078	0.409	ng	#	91

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

Quantitation Report (Not Reviewed)

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Acq On : 30 Jul 2018 17:50
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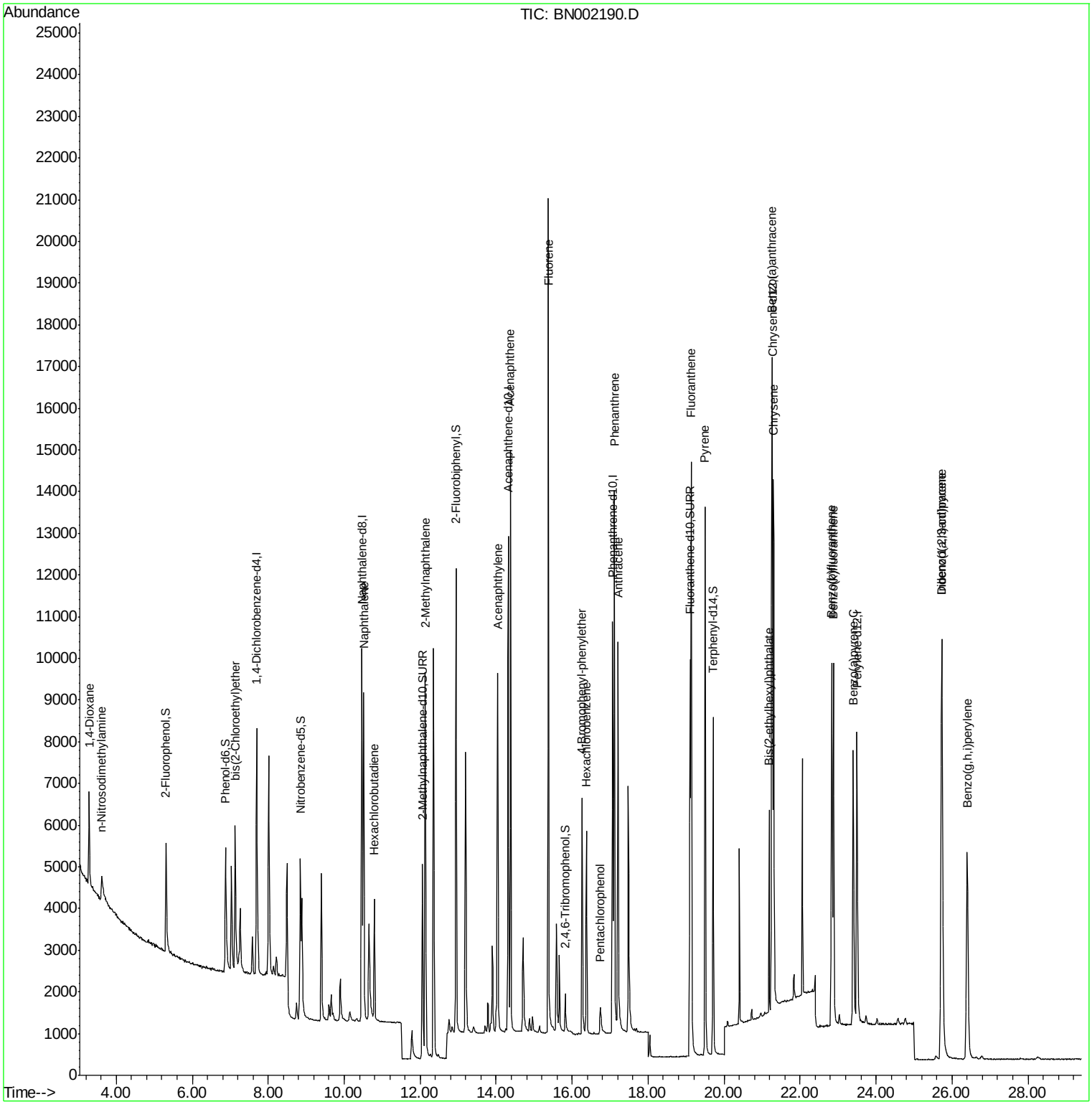
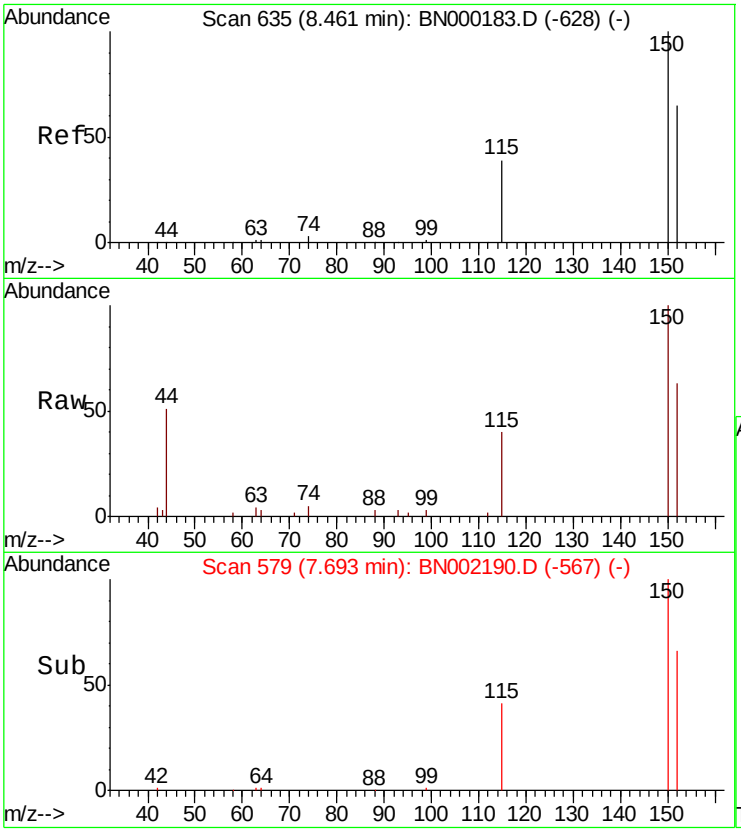
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Jul 31 01:24:47 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

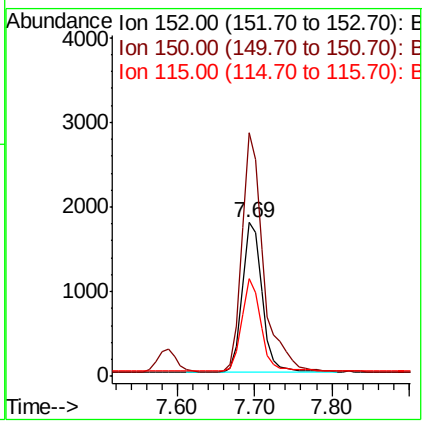




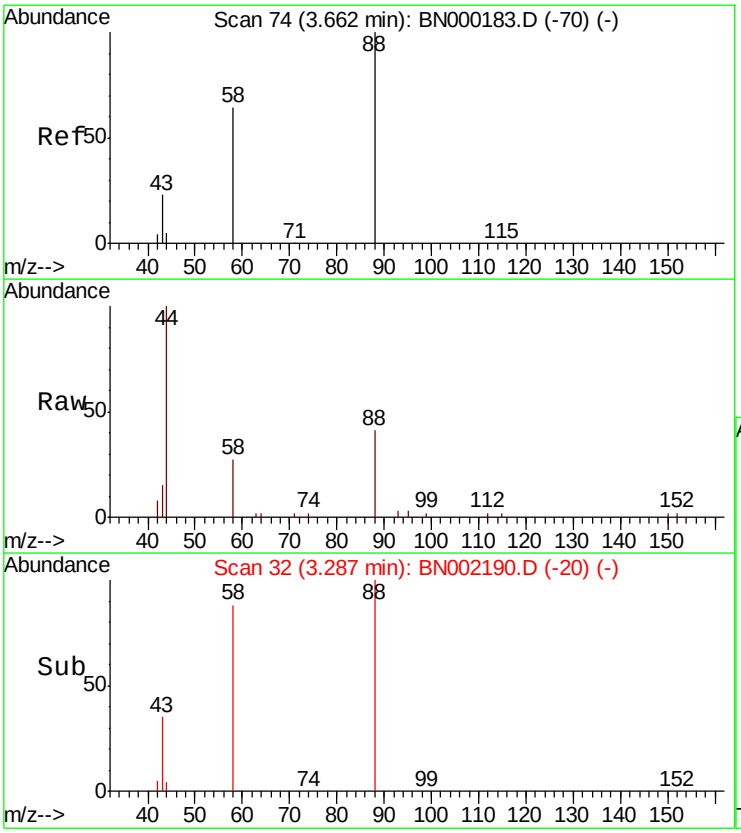
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.69 min Scan# 579
Delta R.T. -0.00 min
Lab File: BN002190.D
Acq: 30 Jul 2018 17:50

Tgt Ion:152 Resp: 3140

Ion	Ratio	Lower	Upper
152	100		
150	158.6	117.2	175.8
115	63.3	57.0	85.6



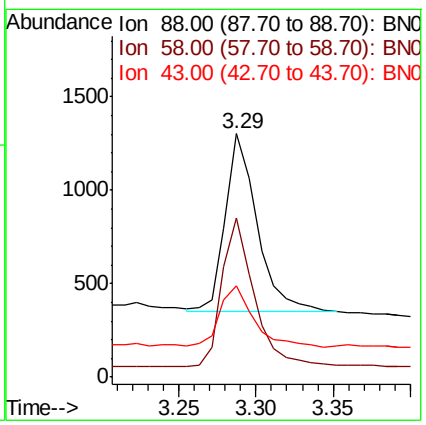
Instrument :
BNA_N
ClientSampleId :

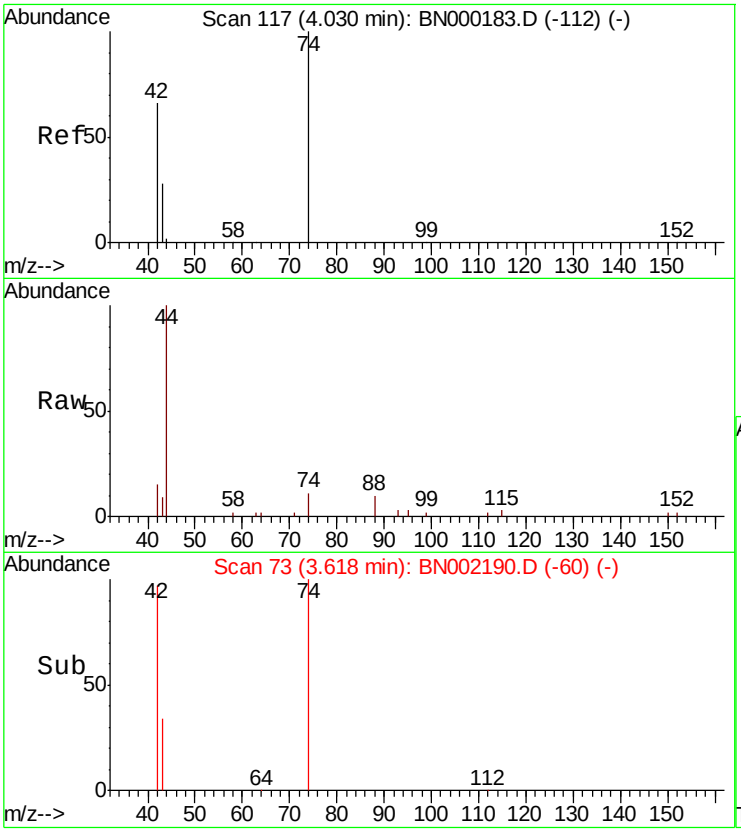


#2
1,4-Dioxane
Concen: 0.386 ng
RT: 3.29 min Scan# 32
Delta R.T. -0.00 min
Lab File: BN002190.D
Acq: 30 Jul 2018 17:50

Tgt Ion: 88 Resp: 1366

Ion	Ratio	Lower	Upper
88	100		
58	84.8	72.0	108.0
43	37.0	28.0	42.0



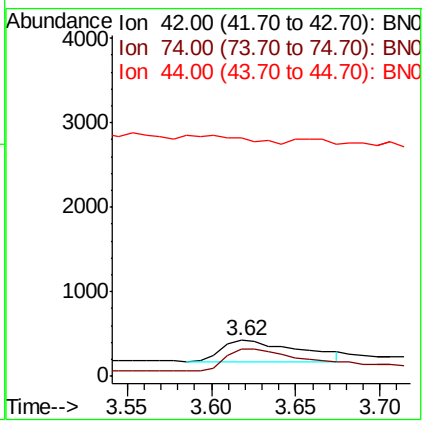


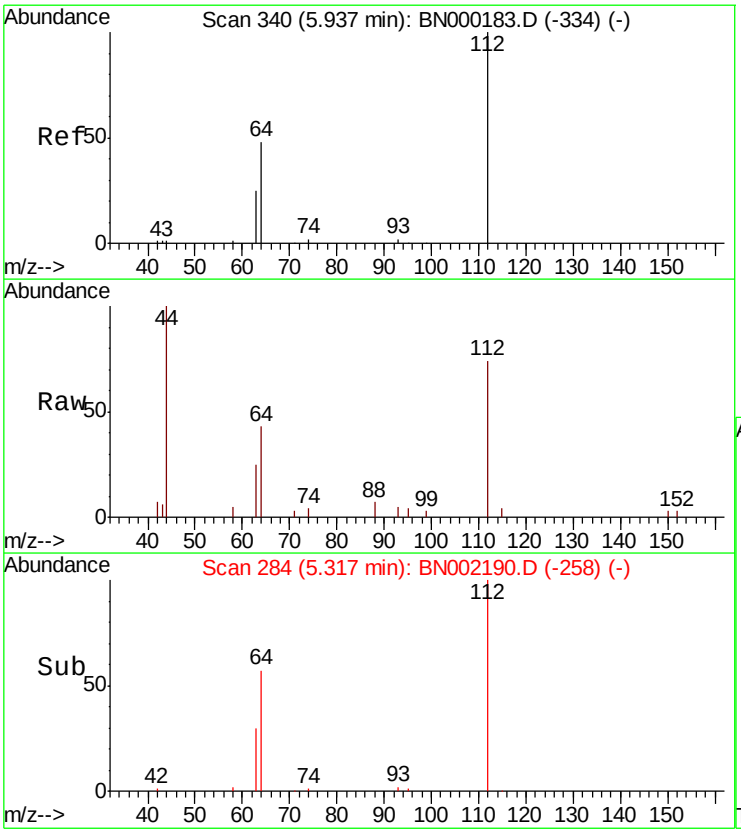
#3
n-Nitrosodimethylamine
Concen: 0.355 ng
RT: 3.62 min Scan# 73
Delta R.T. 0.01 min
Lab File: BN002190.D
Acq: 30 Jul 2018 17:50

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 42 Resp: 776

Ion	Ratio	Lower	Upper
42	100		
74	104.9	88.0	132.0
44	0.0	16.0	24.0#

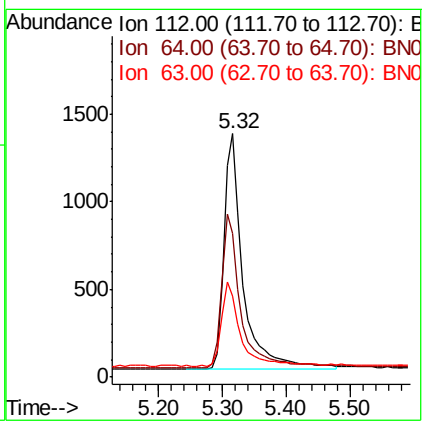


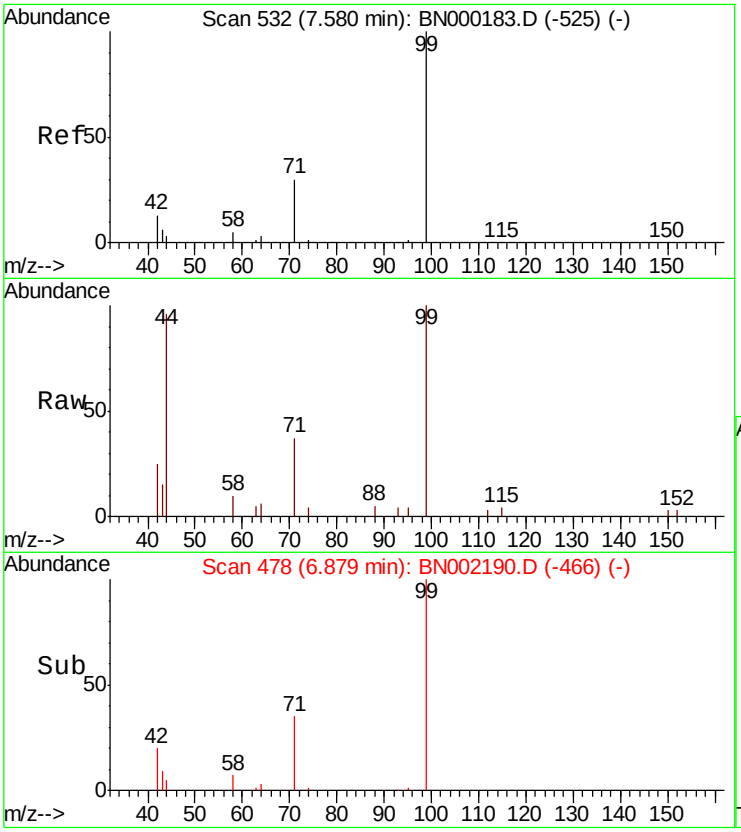


#4
2-Fluorophenol
Concen: 0.375 ng
RT: 5.32 min Scan# 284
Delta R.T. 0.01 min
Lab File: BN002190.D
Acq: 30 Jul 2018 17:50

Tgt Ion:112 Resp: 2748

Ion	Ratio	Lower	Upper
112	100		
64	65.5	60.1	90.1
63	35.2	116.8	175.2#



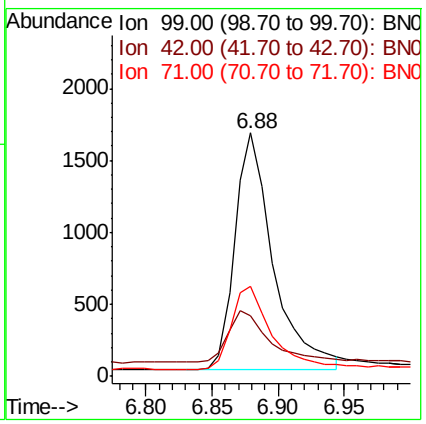


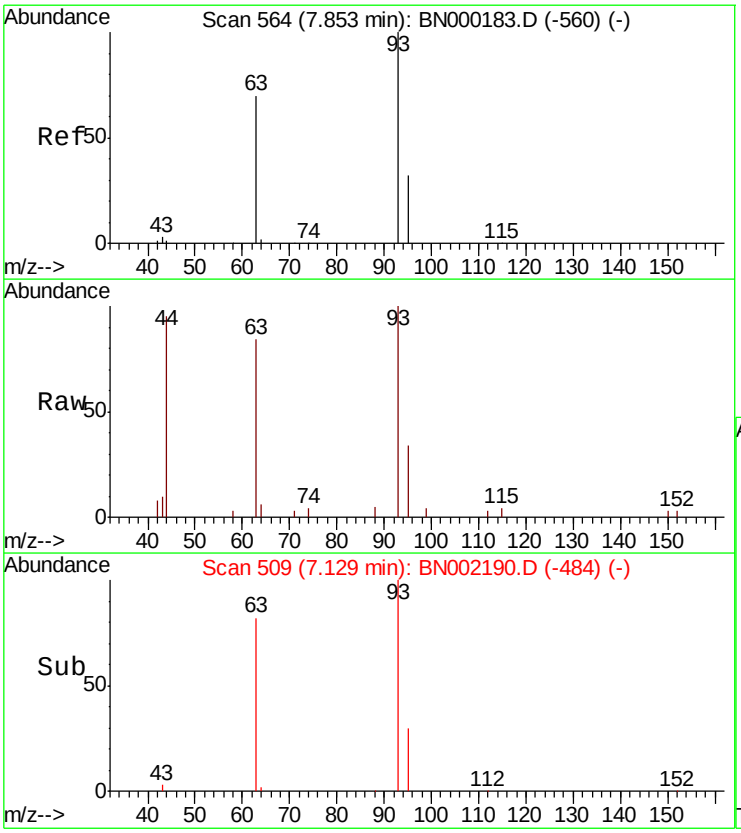
#5
Phenol-d6
Concen: 0.373 ng
RT: 6.88 min Scan# 478
Delta R.T. -0.00 min
Lab File: BN002190.D
Acq: 30 Jul 2018 17:50

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 99 Resp: 3323

Ion	Ratio	Lower	Upper
99	100		
42	23.0	20.2	30.2
71	36.0	28.4	42.6

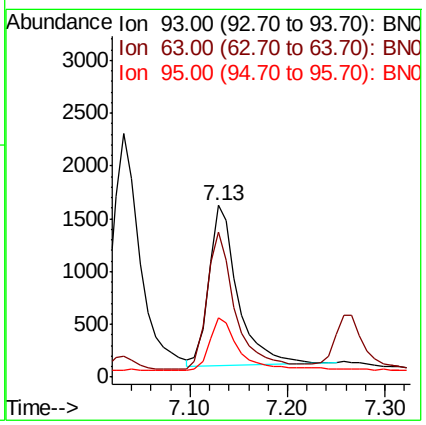


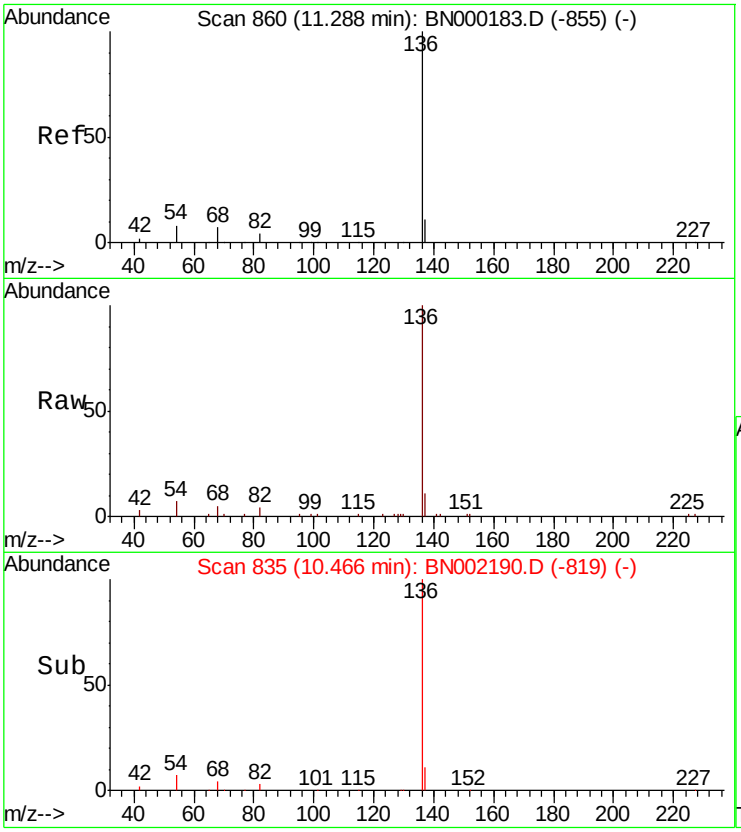


#6
bis(2-Chloroethyl)ether
Concen: 0.372 ng
RT: 7.13 min Scan# 509
Delta R.T. -0.00 min
Lab File: BN002190.D
Acq: 30 Jul 2018 17:50

Tgt Ion: 93 Resp: 3183

Ion	Ratio	Lower	Upper
93	100		
63	84.0	56.0	84.0#
95	35.1	25.2	37.8



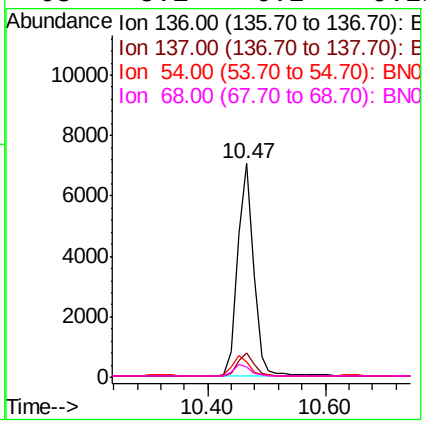


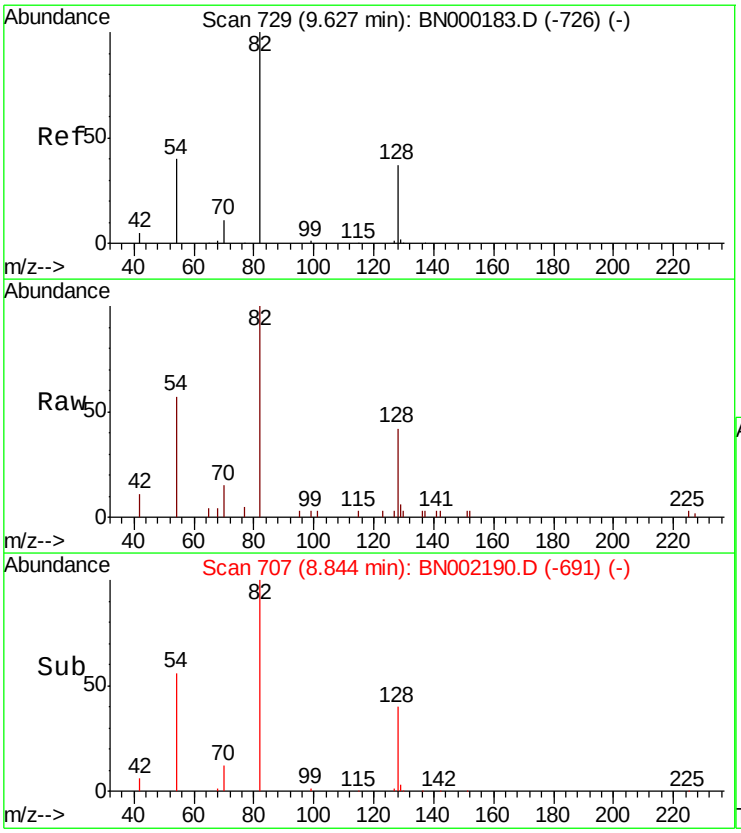
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.47 min Scan# 835
Delta R.T. -0.00 min
Lab File: BN002190.D
Acq: 30 Jul 2018 17:50

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:136 Resp: 12962

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.5	14.3
54	7.5	29.1	43.7#
68	5.1	6.2	9.2#

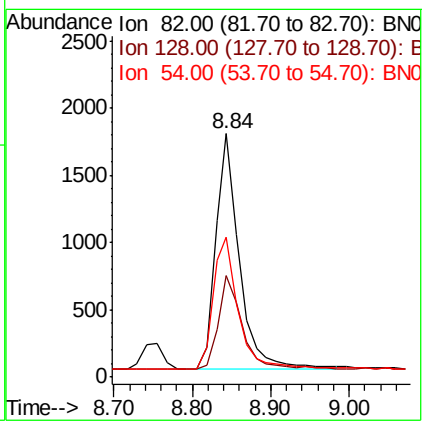


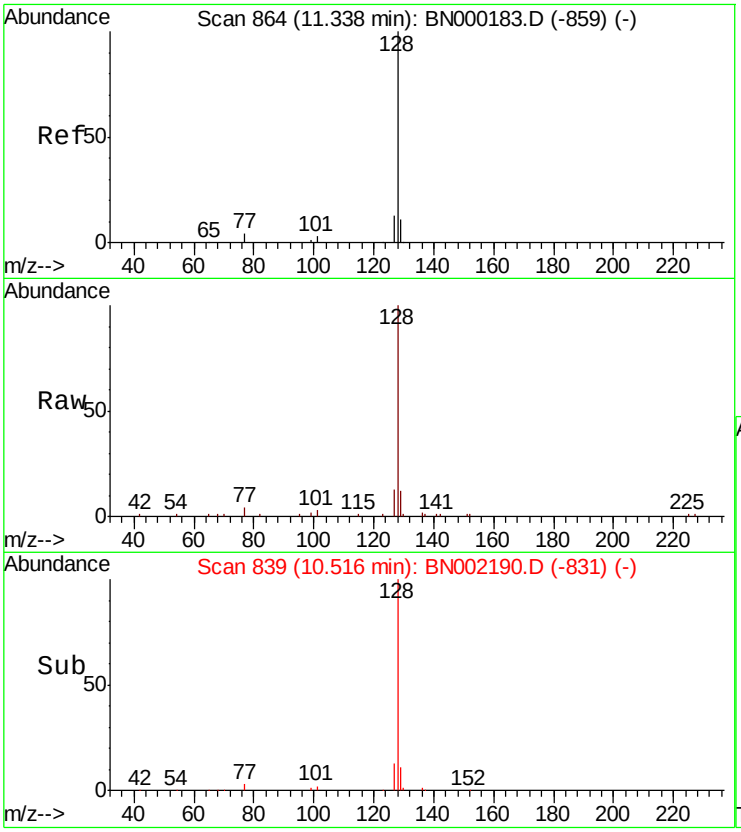


#8
Nitrobenzene-d5
Concen: 0.382 ng
RT: 8.84 min Scan# 707
Delta R.T. -0.00 min
Lab File: BN002190.D
Acq: 30 Jul 2018 17:50

Tgt Ion: 82 Resp: 3728

Ion	Ratio	Lower	Upper
82	100		
128	41.6	150.0	225.0#
54	57.5	154.2	231.4#



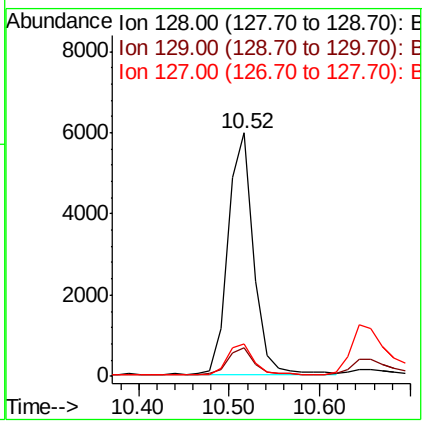


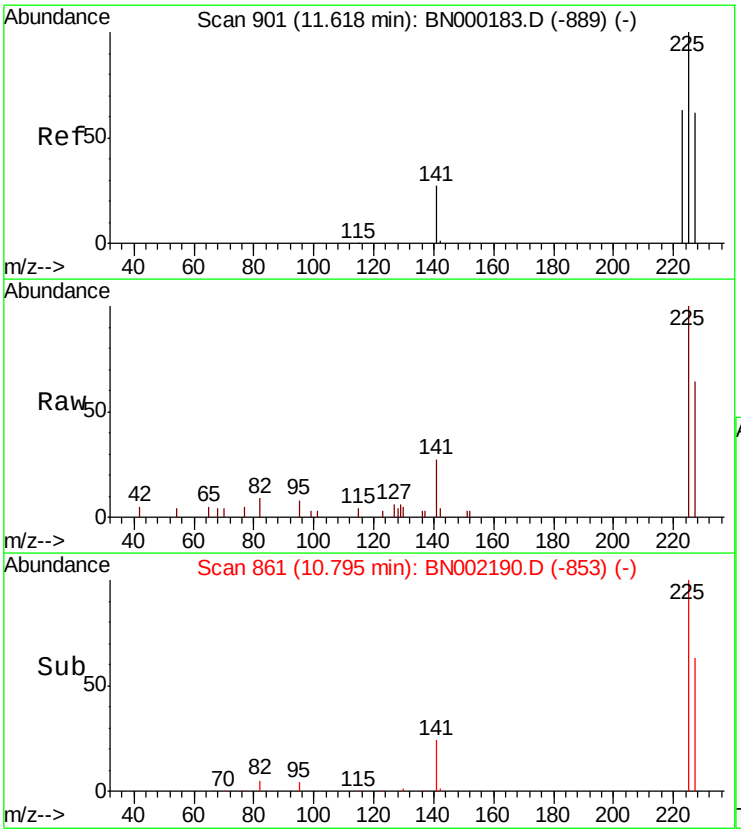
#9
Naphthalene
Concen: 0.391 ng
RT: 10.52 min Scan# 839
Delta R.T. -0.00 min
Lab File: BN002190.D
Acq: 30 Jul 2018 17:50

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:128 Resp: 11436

Ion	Ratio	Lower	Upper
128	100		
129	12.0	8.0	12.0
127	13.4	9.6	14.4

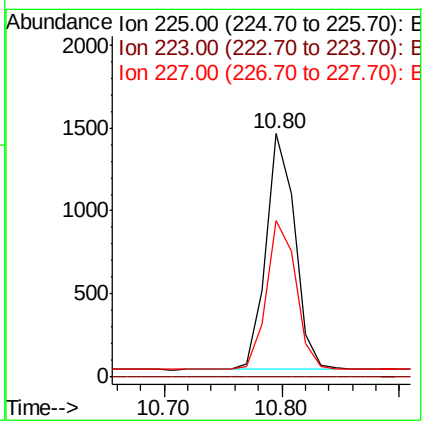


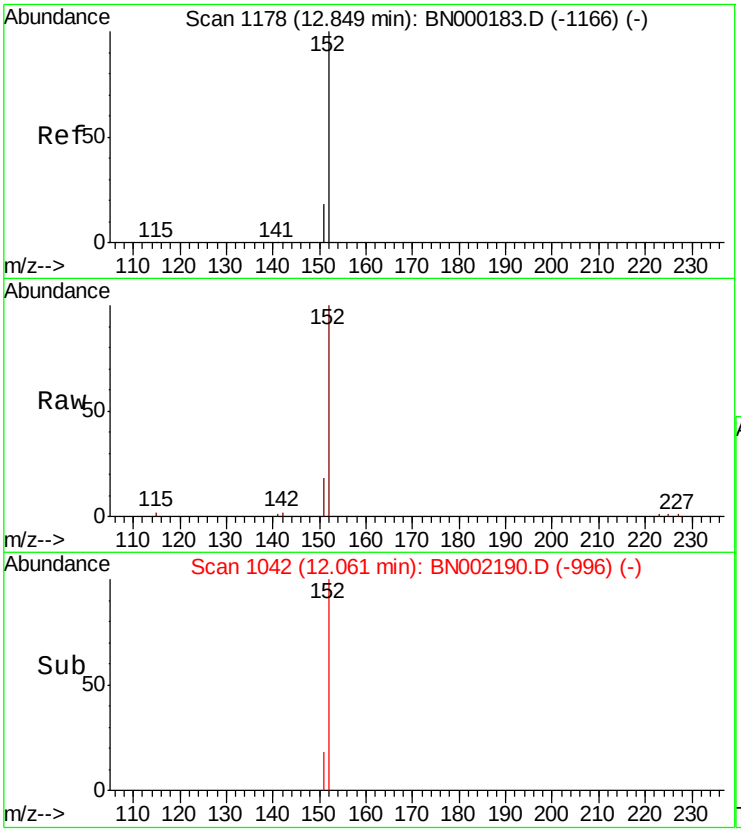


#10
Hexachlorobutadiene
Concen: 0.389 ng
RT: 10.80 min Scan# 861
Delta R.T. -0.00 min
Lab File: BN002190.D
Acq: 30 Jul 2018 17:50

Tgt Ion:225 Resp: 2463

Ion	Ratio	Lower	Upper
225	100		
223	0.0	52.0	78.0#
227	64.5	48.0	72.0



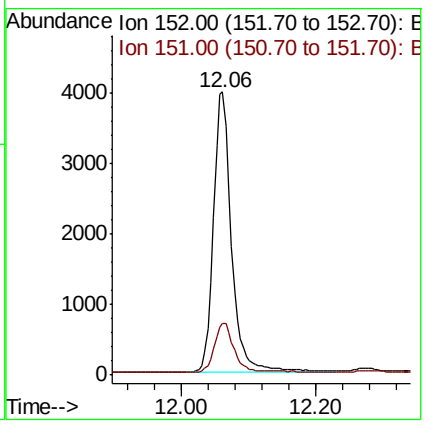


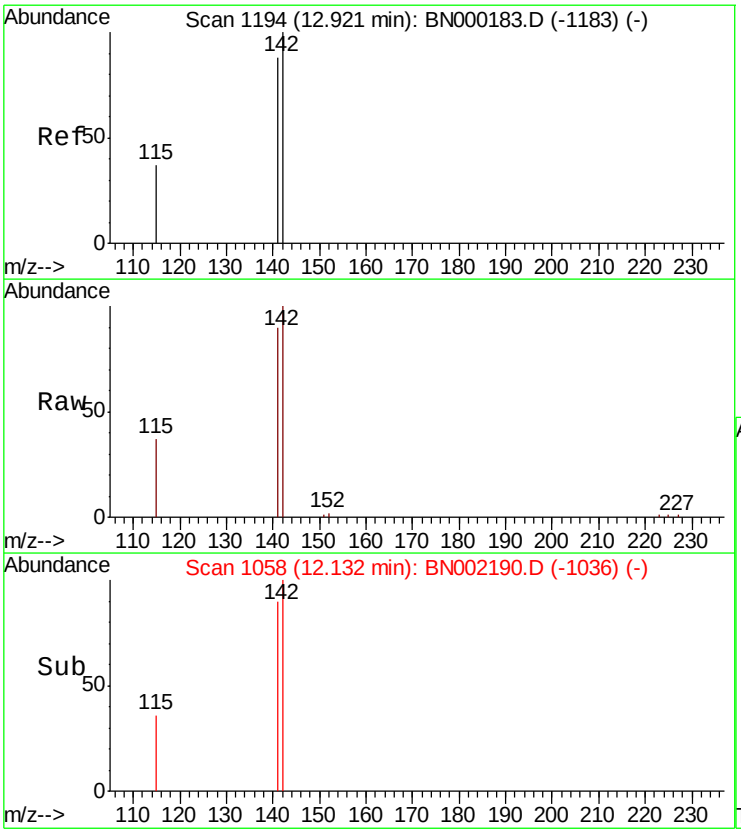
#11
2-Methylnaphthalene-d10
Concen: 0.385 ng
RT: 12.06 min Scan# 1042
Delta R.T. 0.00 min
Lab File: BN002190.D
Acq: 30 Jul 2018 17:50

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 7352

Ion	Ratio	Lower	Upper
152	100		
151	18.8	15.4	23.0

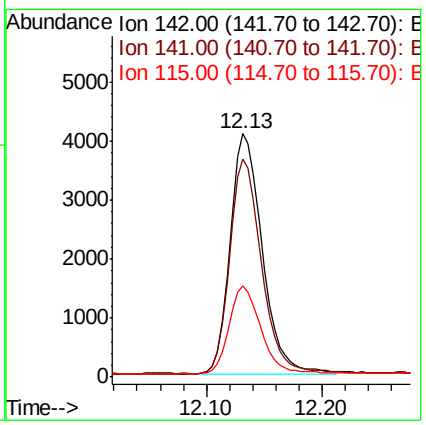


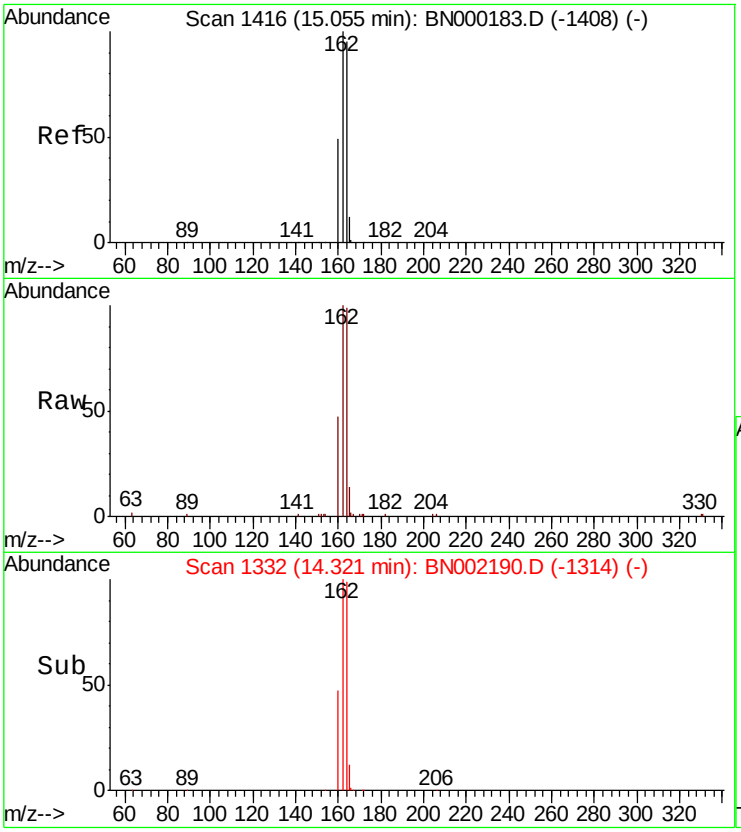


#12
2-Methylnaphthalene
Concen: 0.388 ng
RT: 12.13 min Scan# 1058
Delta R.T. -0.00 min
Lab File: BN002190.D
Acq: 30 Jul 2018 17:50

Tgt Ion:142 Resp: 7670

Ion	Ratio	Lower	Upper
142	100		
141	89.8	70.4	105.6
115	37.3	31.7	47.5



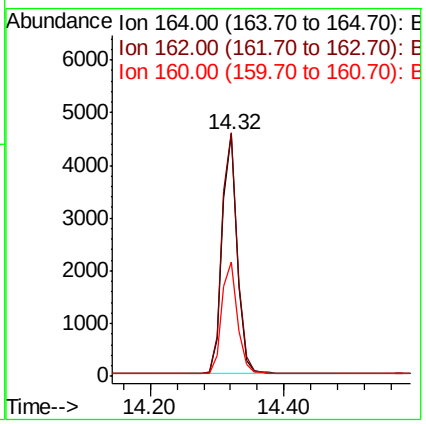


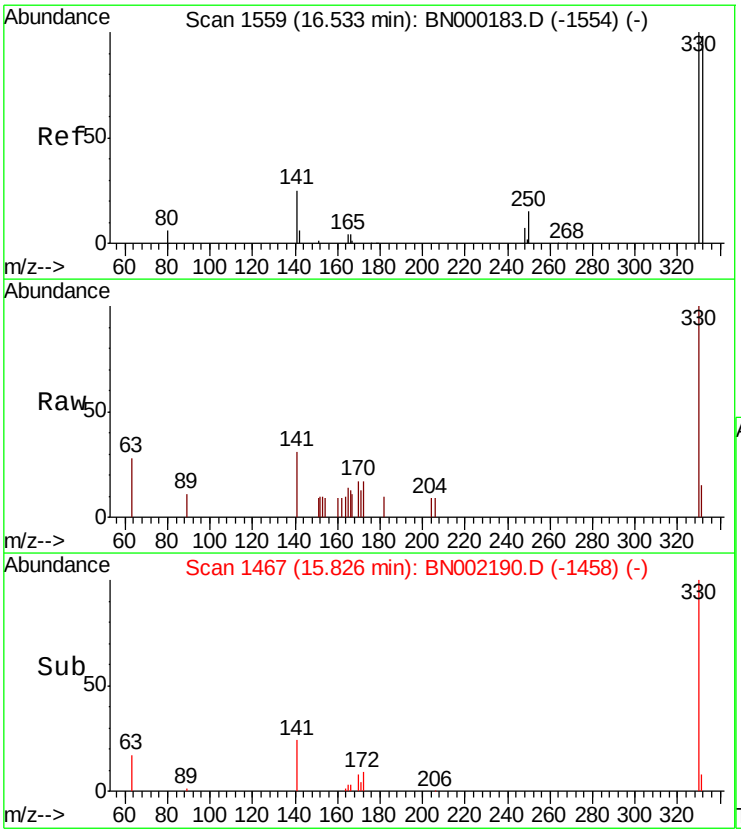
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.32 min Scan# 1332
Delta R.T. -0.00 min
Lab File: BN002190.D
Acq: 30 Jul 2018 17:50

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:164 Resp: 7124

Ion	Ratio	Lower	Upper
164	100		
162	100.7	83.1	124.7
160	47.5	37.1	55.7

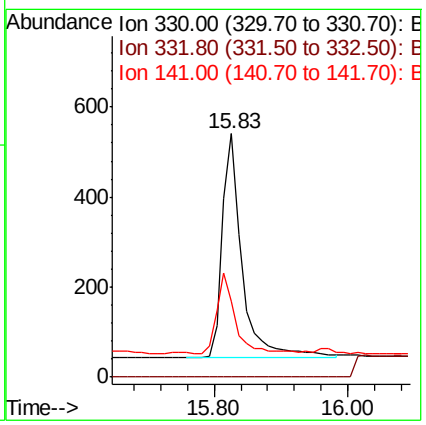


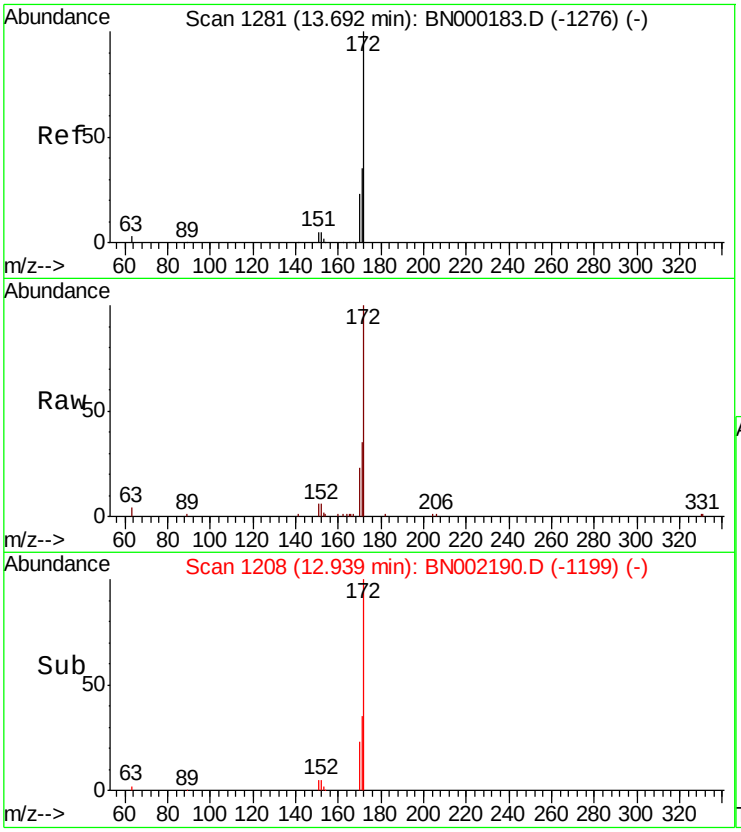


#14
2,4,6-Tribromophenol
Concen: 0.335 ng
RT: 15.83 min Scan# 1467
Delta R.T. -0.00 min
Lab File: BN002190.D
Acq: 30 Jul 2018 17:50

Tgt Ion:330 Resp: 1018

Ion	Ratio	Lower	Upper
330	100		
332	0.0	152.7	229.1#
141	33.4	33.7	50.5#



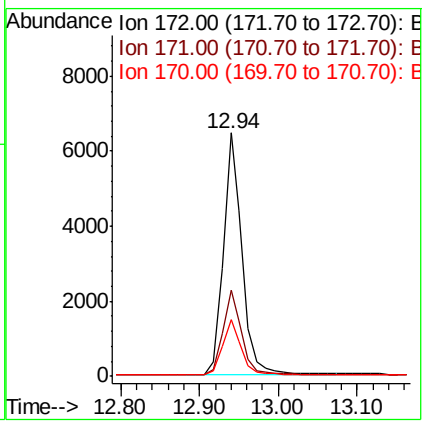


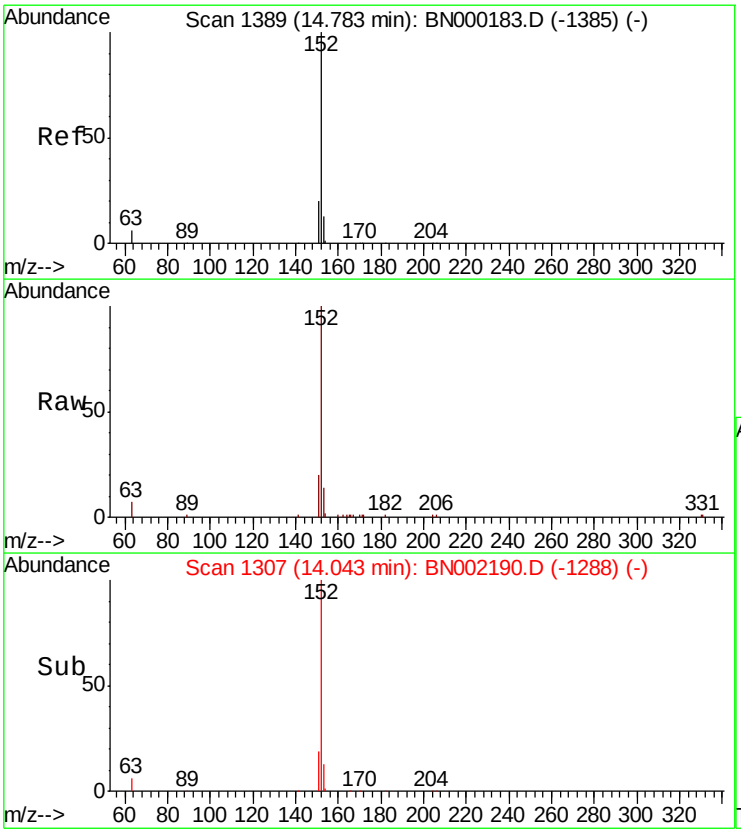
#15
2-Fluorobiphenyl
Concen: 0.394 ng
RT: 12.94 min Scan# 1208
Delta R.T. -0.00 min
Lab File: BN002190.D
Acq: 30 Jul 2018 17:50

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:172 Resp: 10769

Ion	Ratio	Lower	Upper
172	100		
171	35.2	29.9	44.9
170	23.3	21.8	32.8

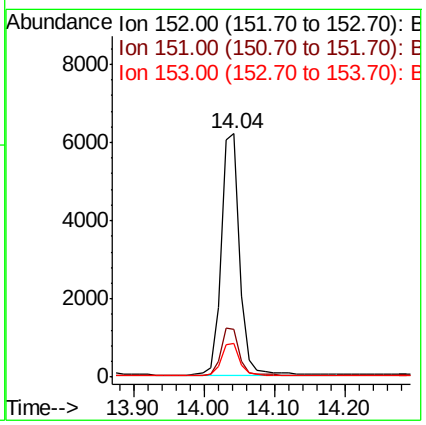


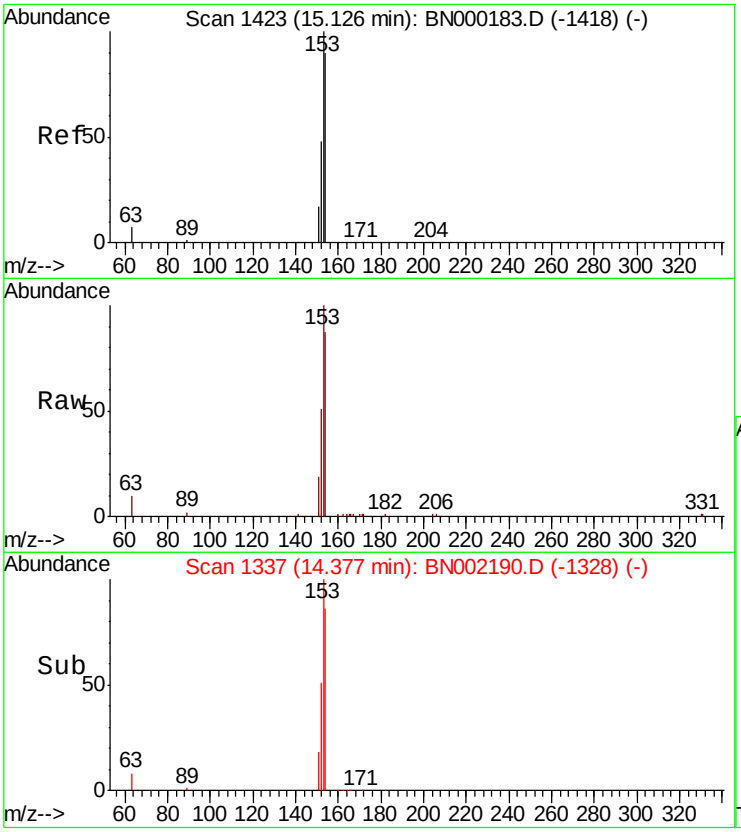


#16
Acenaphthylene
Concen: 0.376 ng
RT: 14.04 min Scan# 1307
Delta R.T. 0.01 min
Lab File: BN002190.D
Acq: 30 Jul 2018 17:50

Tgt Ion:152 Resp: 11433

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



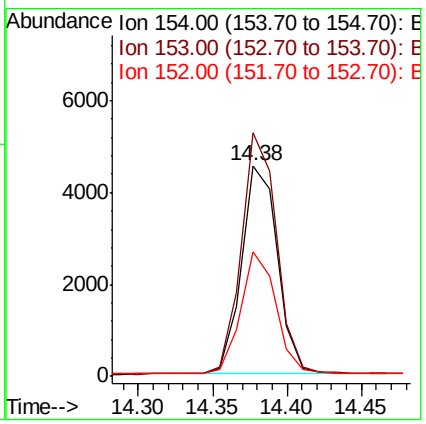


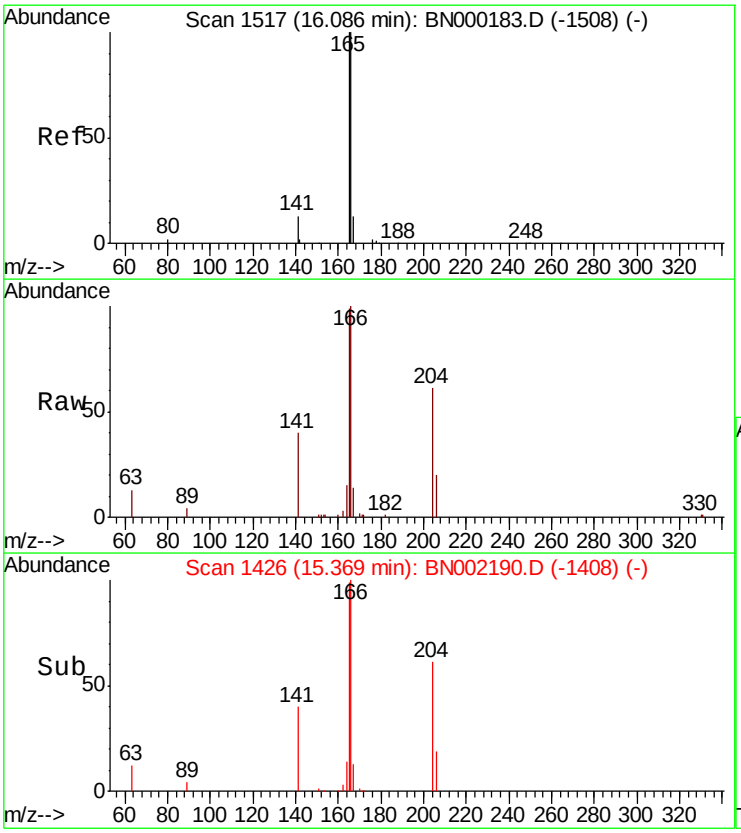
#17
Acenaphthene
Concen: 0.388 ng
RT: 14.38 min Scan# 1337
Delta R.T. -0.00 min
Lab File: BN002190.D
Acq: 30 Jul 2018 17:50

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:154 Resp: 7599

Ion	Ratio	Lower	Upper
154	100		
153	114.0	89.2	133.8
152	57.1	42.0	63.0

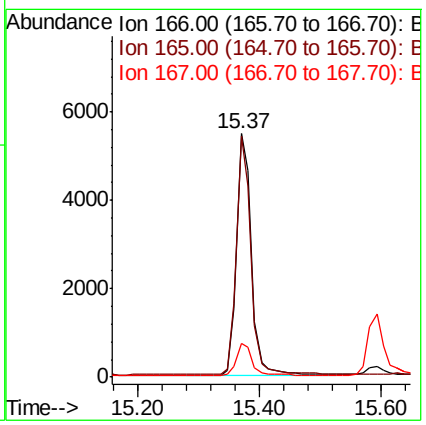


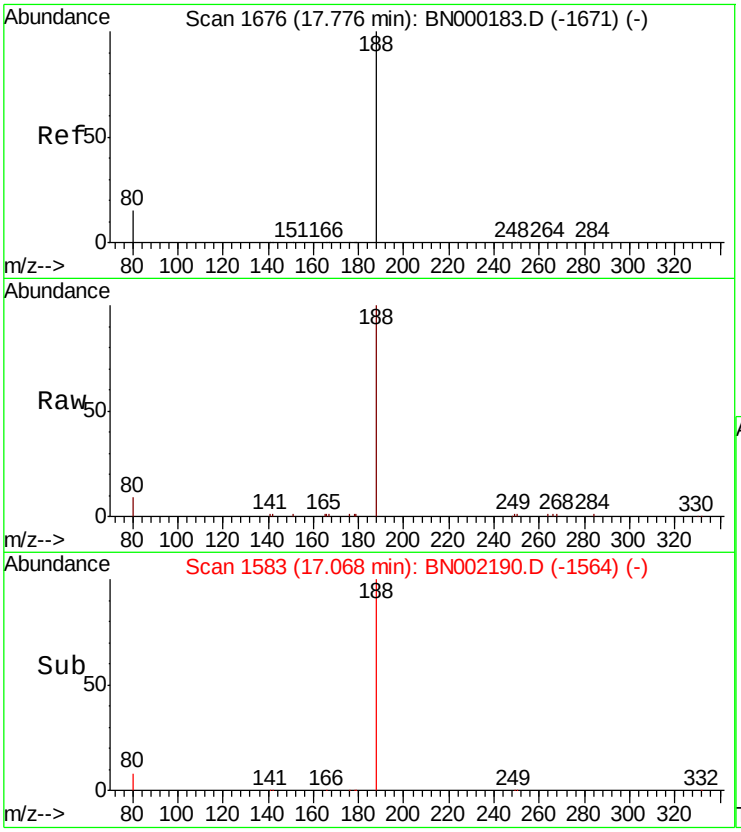


#18
Fluorene
Concen: 0.380 ng
RT: 15.37 min Scan# 1426
Delta R.T. -0.00 min
Lab File: BN002190.D
Acq: 30 Jul 2018 17:50

Tgt Ion:166 Resp: 9152

Ion	Ratio	Lower	Upper
166	100		
165	96.8	77.8	116.6
167	13.4	42.4	63.6#



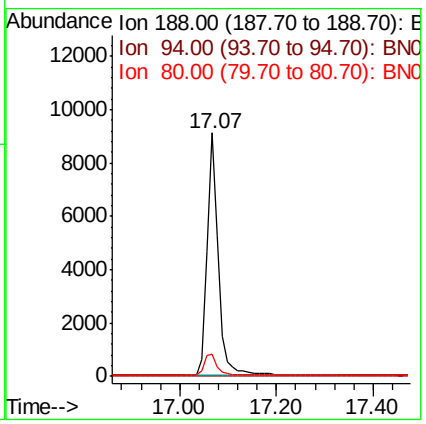


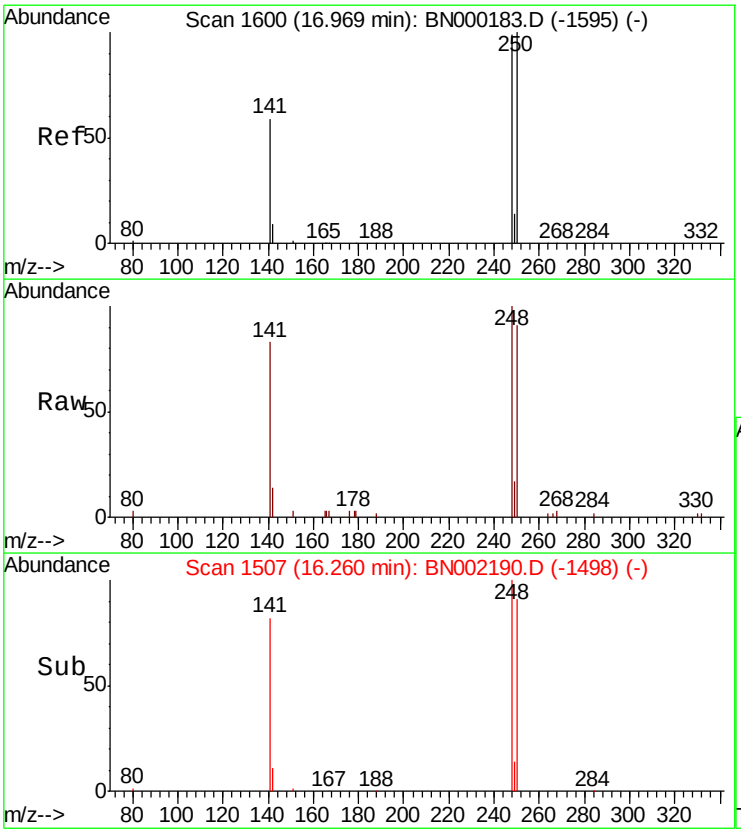
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.07 min Scan# 1583
Delta R.T. -0.00 min
Lab File: BN002190.D
Acq: 30 Jul 2018 17:50

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:188 Resp: 14516

Ion	Ratio	Lower	Upper
188	100		
94	0.0	3.9	5.9#
80	8.9	3.6	5.4#

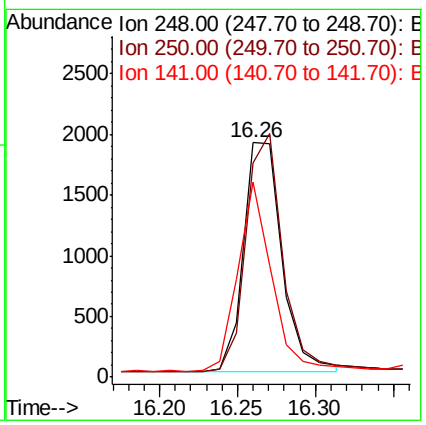


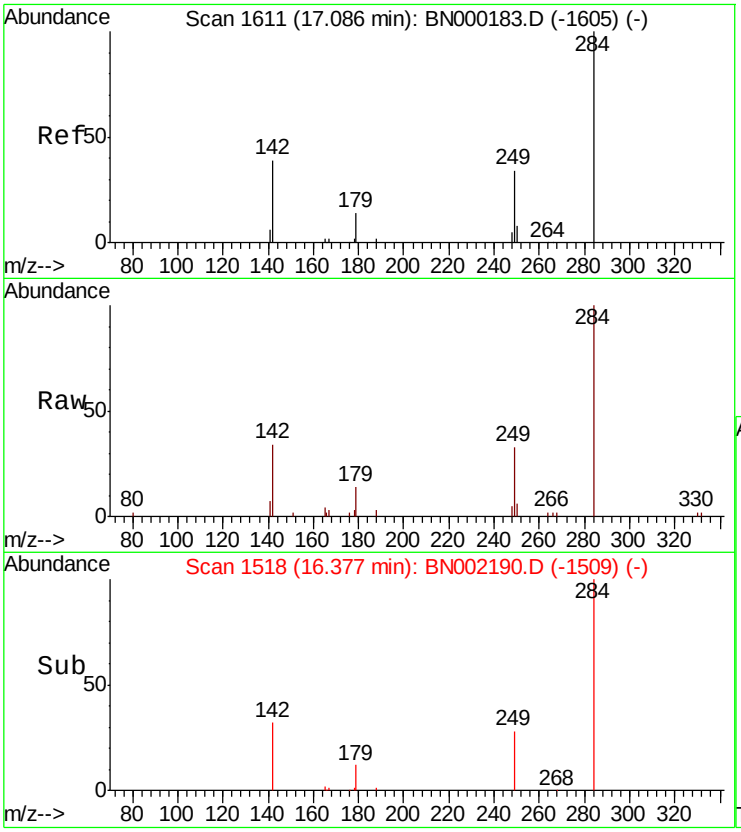


#20
4-Bromophenyl-phenylether
Concen: 0.395 ng
RT: 16.26 min Scan# 1507
Delta R.T. -0.00 min
Lab File: BN002190.D
Acq: 30 Jul 2018 17:50

Tgt Ion:248 Resp: 3244

Ion	Ratio	Lower	Upper
248	100		
250	91.3	62.7	94.1
141	83.1	48.2	72.2#



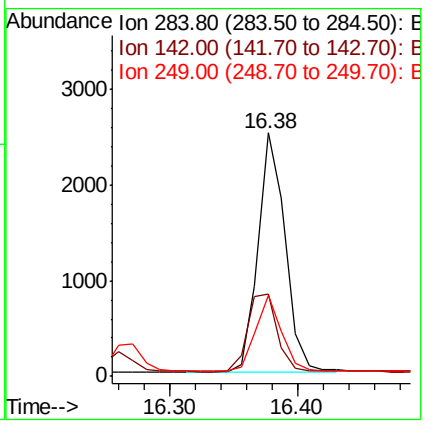


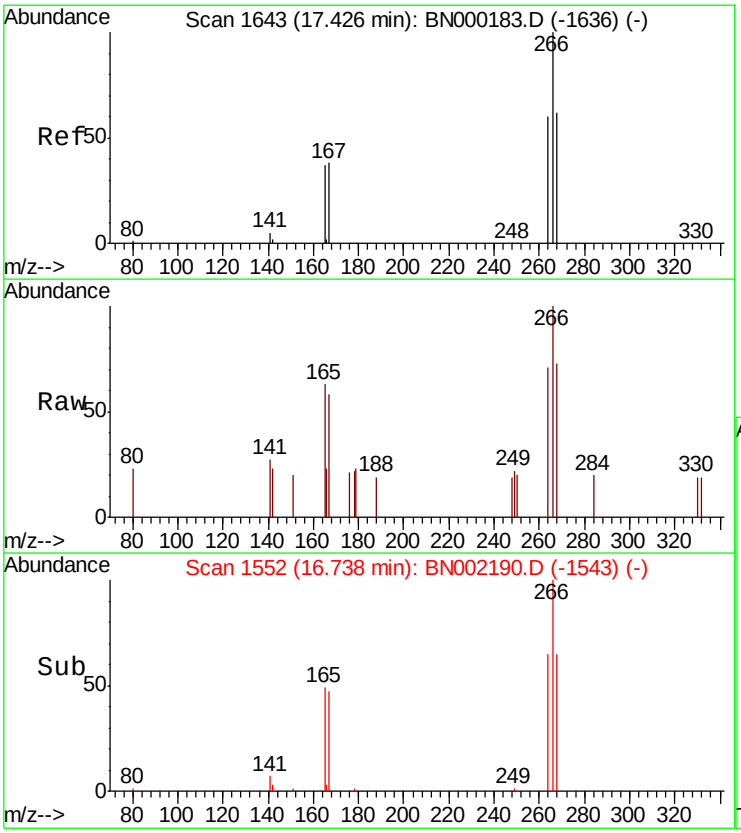
#21
Hexachlorobenzene
Concen: 0.408 ng
RT: 16.38 min Scan# 1518
Delta R.T. -0.00 min
Lab File: BN002190.D
Acq: 30 Jul 2018 17:50

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:284 Resp: 3706

Ion	Ratio	Lower	Upper
284	100		
142	35.8	32.0	48.0
249	30.3	24.0	36.0

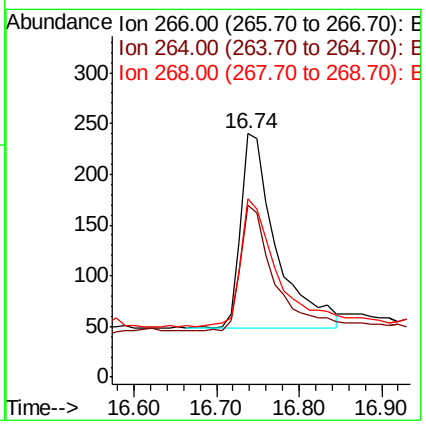


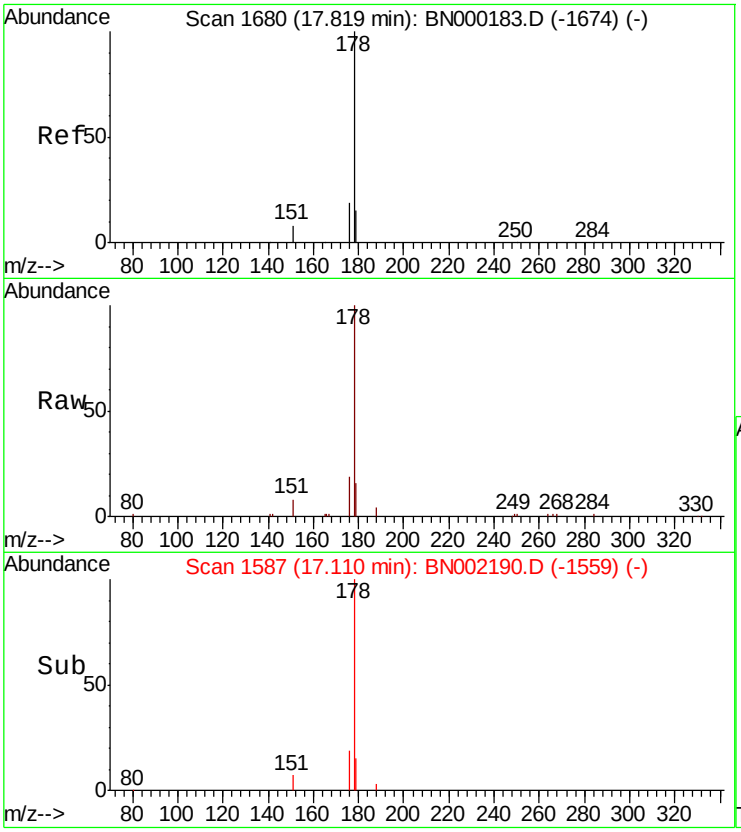


#22
Pentachlorophenol
Concen: 0.342 ng
RT: 16.74 min Scan# 1552
Delta R.T. 0.00 min
Lab File: BN002190.D
Acq: 30 Jul 2018 17:50

Tgt Ion:266 Resp: 566

Ion	Ratio	Lower	Upper
266	100		
264	70.8	48.0	72.0
268	73.3	52.0	78.0



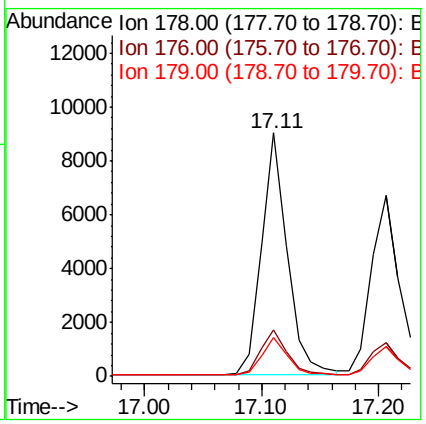


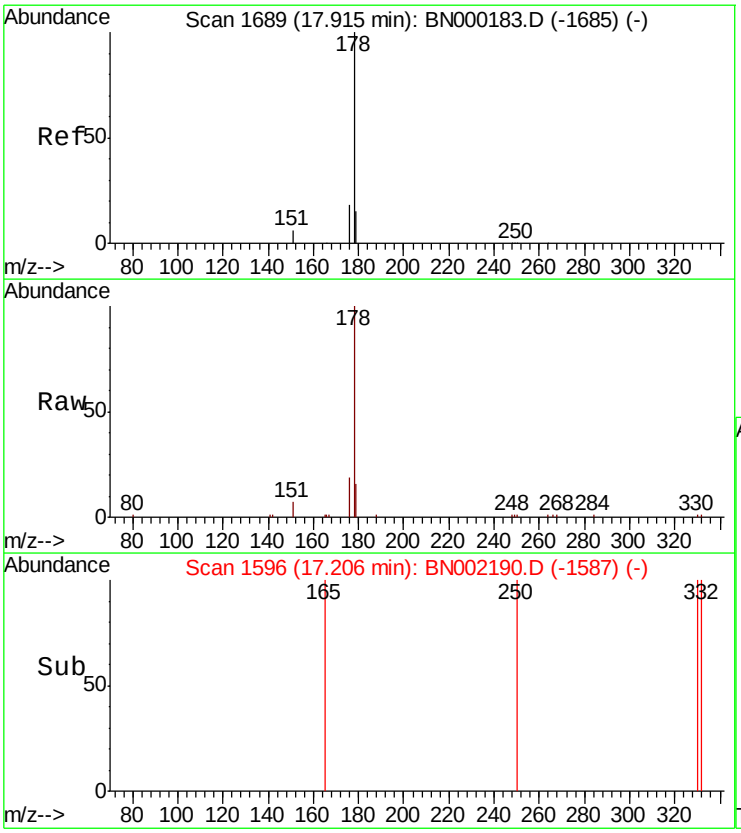
#23
Phenanthrene
Concen: 0.382 ng
RT: 17.11 min Scan# 1587
Delta R.T. -0.00 min
Lab File: BN002190.D
Acq: 30 Jul 2018 17:50

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 13812

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.1	22.7
179	15.5	11.8	17.6

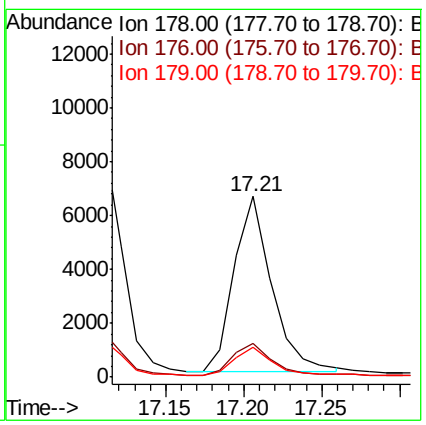


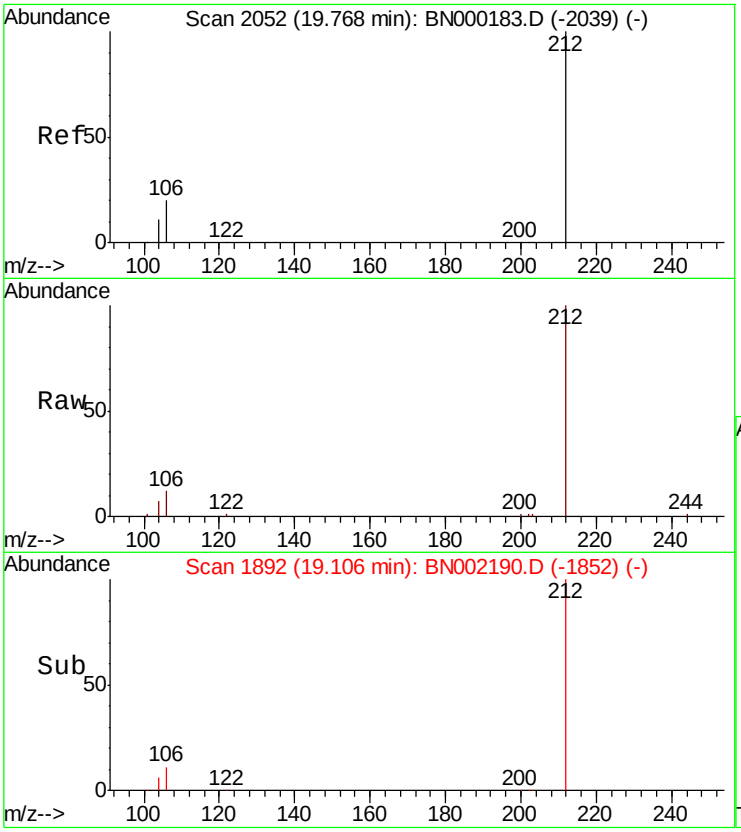


#24
Anthracene
Concen: 0.363 ng
RT: 17.21 min Scan# 1596
Delta R.T. -0.00 min
Lab File: BN002190.D
Acq: 30 Jul 2018 17:50

Tgt Ion:178 Resp: 10843

Ion	Ratio	Lower	Upper
178	100		
176	18.4	12.8	19.2
179	15.5	13.0	19.6



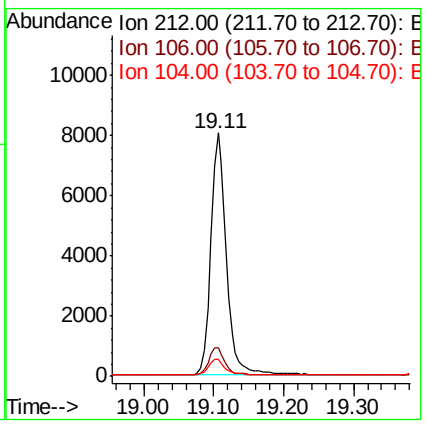


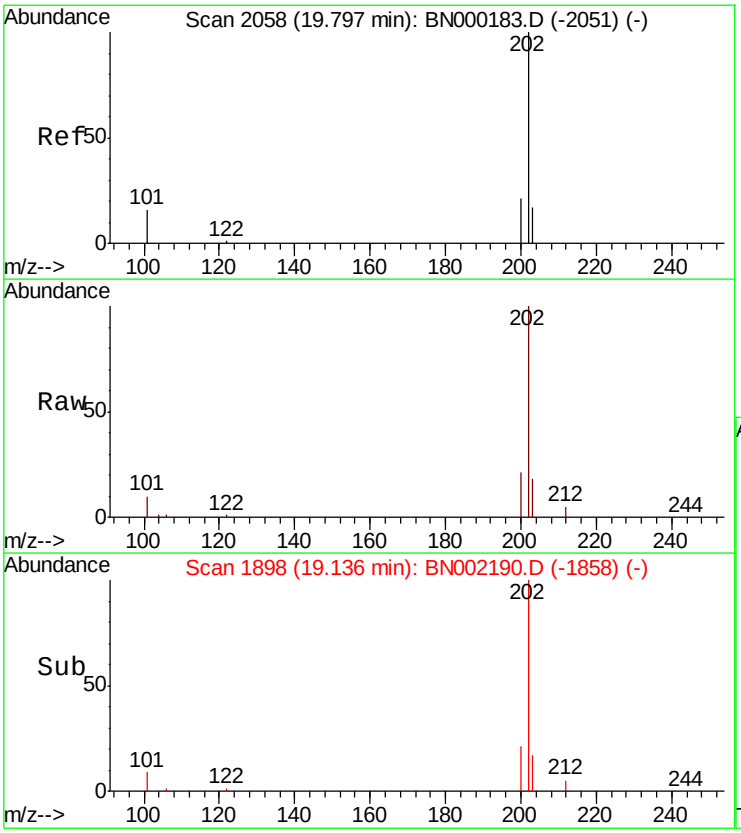
#25
Fluoranthene-d10
Concen: 0.347 ng
RT: 19.11 min Scan# 1892
Delta R.T. -0.00 min
Lab File: BN002190.D
Acq: 30 Jul 2018 17:50

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:212 Resp: 12452

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

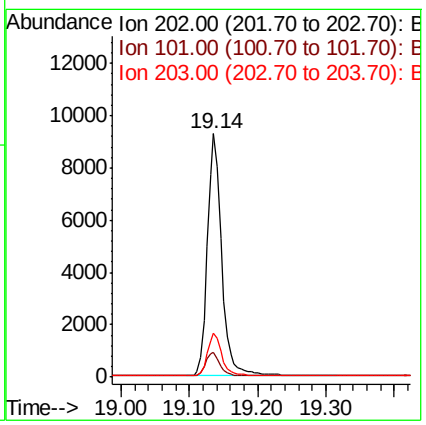


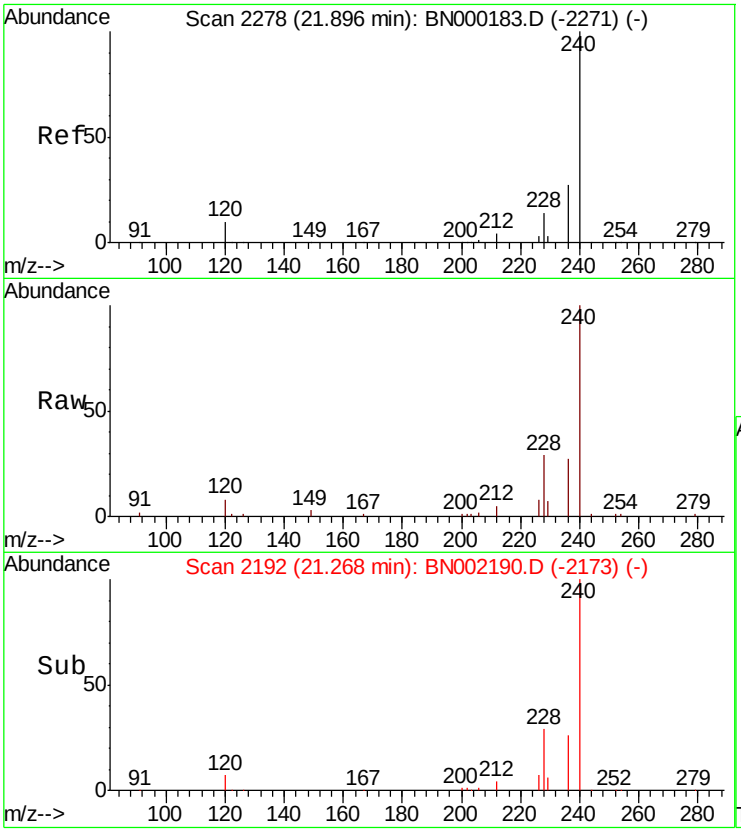


#26
Fluoranthene
Concen: 0.345 ng
RT: 19.14 min Scan# 1898
Delta R.T. -0.00 min
Lab File: BN002190.D
Acq: 30 Jul 2018 17:50

Tgt Ion:202 Resp: 13550

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



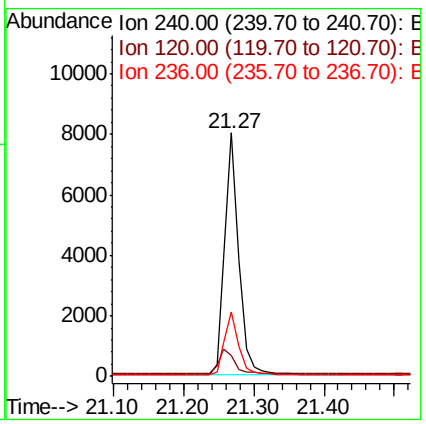


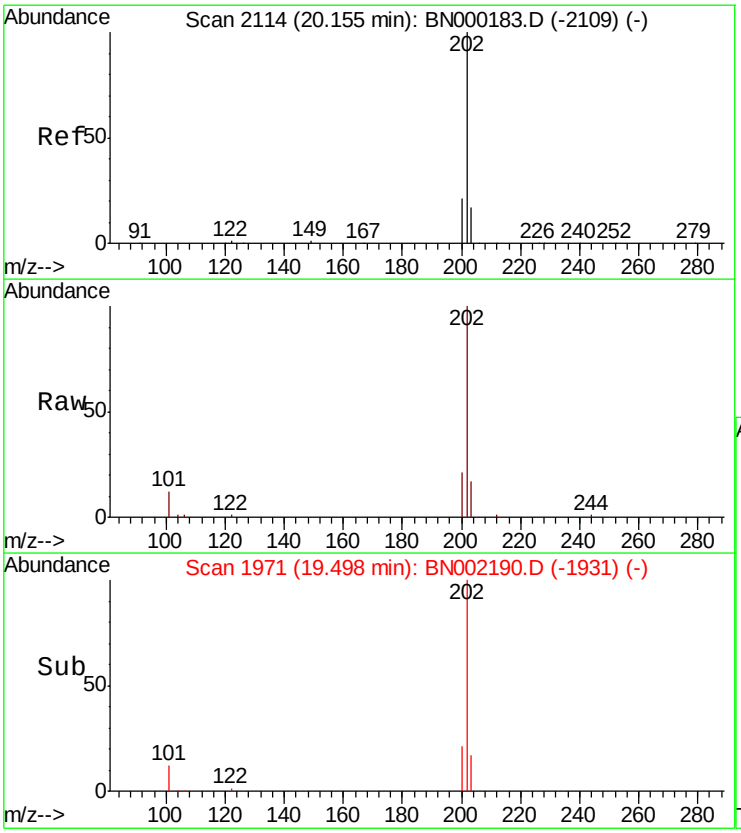
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.27 min Scan# 2192
Delta R.T. -0.00 min
Lab File: BN002190.D
Acq: 30 Jul 2018 17:50

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:240 Resp: 11233

Ion	Ratio	Lower	Upper
240	100		
120	8.4	5.5	8.3#
236	26.5	20.7	31.1

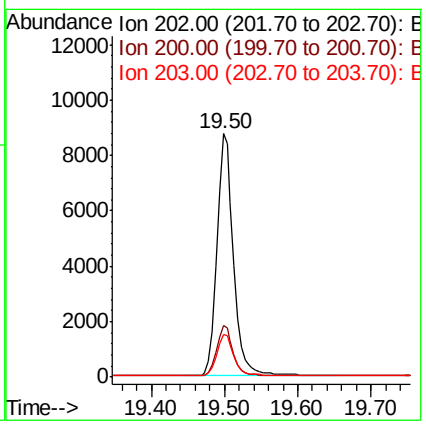


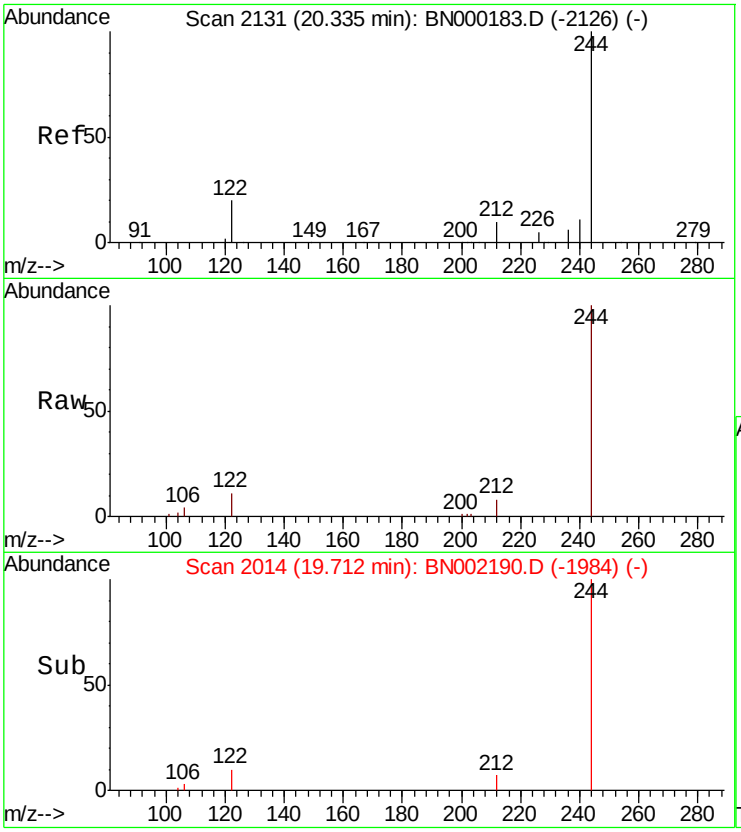


#28
Pyrene
Concen: 0.410 ng
RT: 19.50 min Scan# 1971
Delta R.T. -0.00 min
Lab File: BN002190.D
Acq: 30 Jul 2018 17:50

Tgt Ion:202 Resp: 13611

Ion	Ratio	Lower	Upper
202	100		
200	20.6	16.6	25.0
203	17.3	13.8	20.8



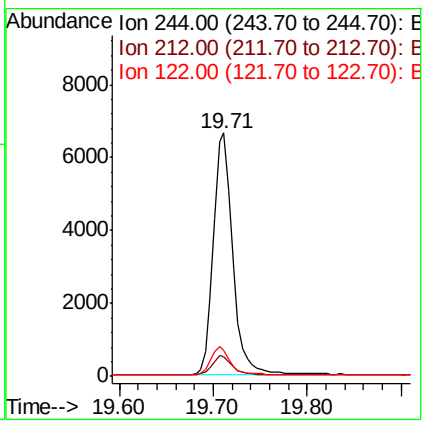


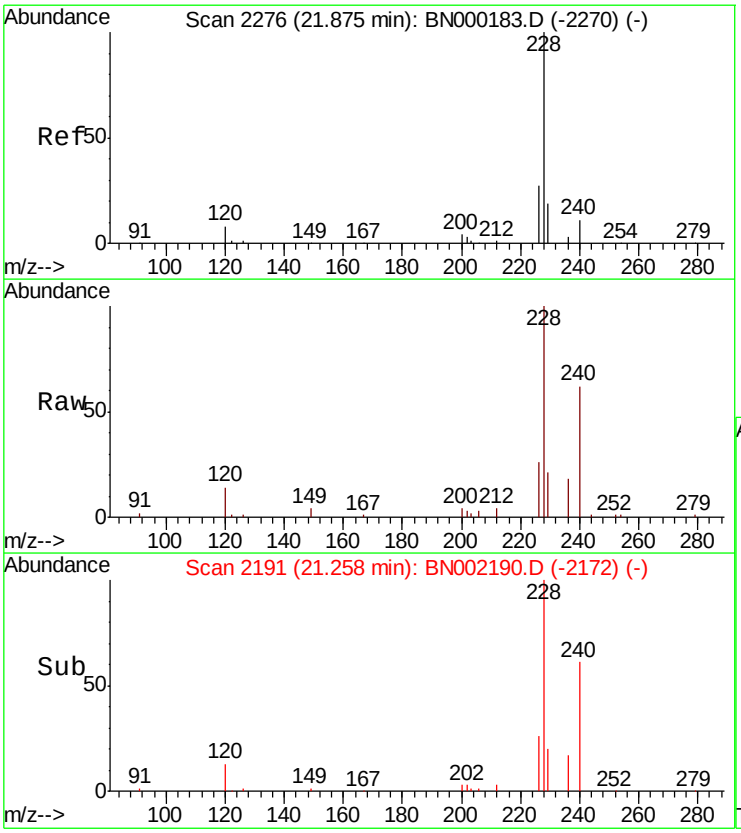
#29
Terphenyl-d14
Concen: 0.395 ng
RT: 19.71 min Scan# 2014
Delta R.T. -0.00 min
Lab File: BN002190.D
Acq: 30 Jul 2018 17:50

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:244 Resp: 9475

Ion	Ratio	Lower	Upper
244	100		
212	8.0	25.4	38.0#
122	10.5	8.1	12.1

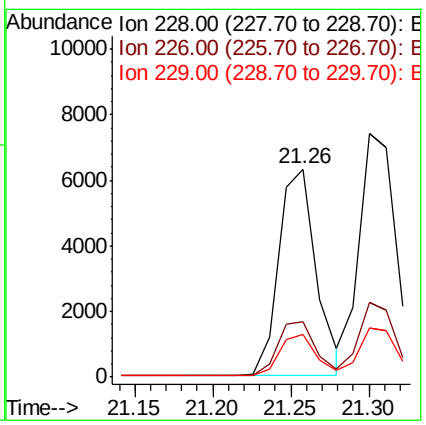


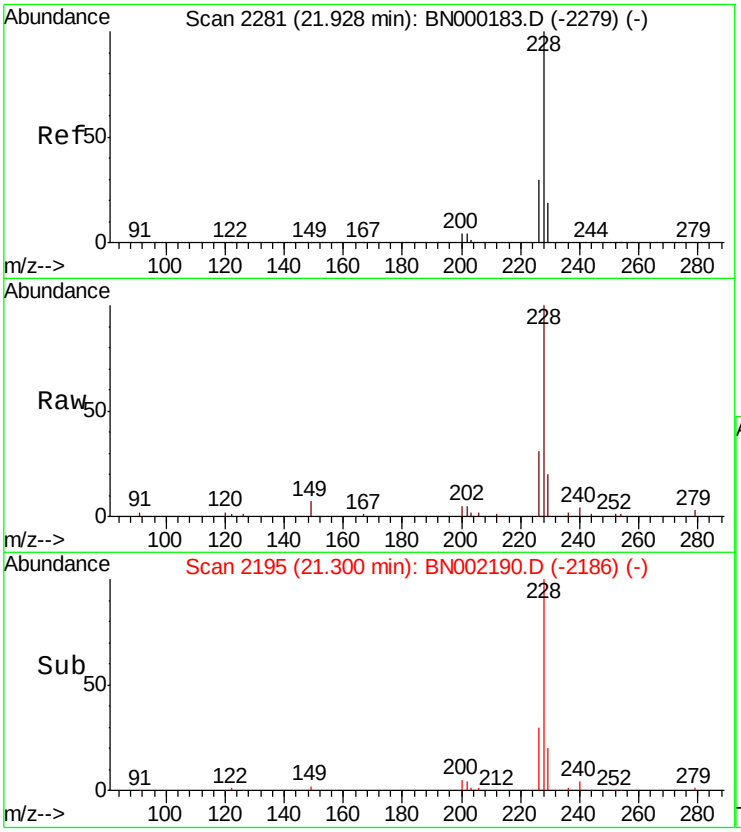


#30
Benzo(a)anthracene
Concen: 0.369 ng
RT: 21.26 min Scan# 2191
Delta R.T. -0.00 min
Lab File: BN002190.D
Acq: 30 Jul 2018 17:50

Tgt Ion:228 Resp: 10436

Ion	Ratio	Lower	Upper
228	100		
226	26.3	24.0	36.0
229	20.6	16.0	24.0



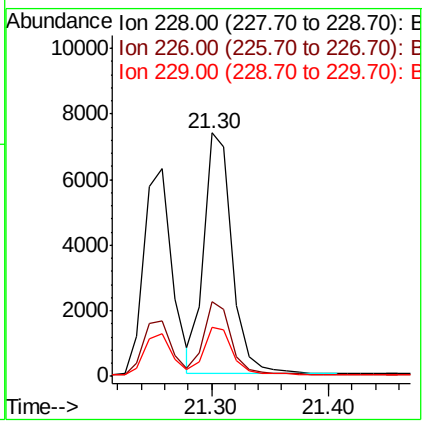


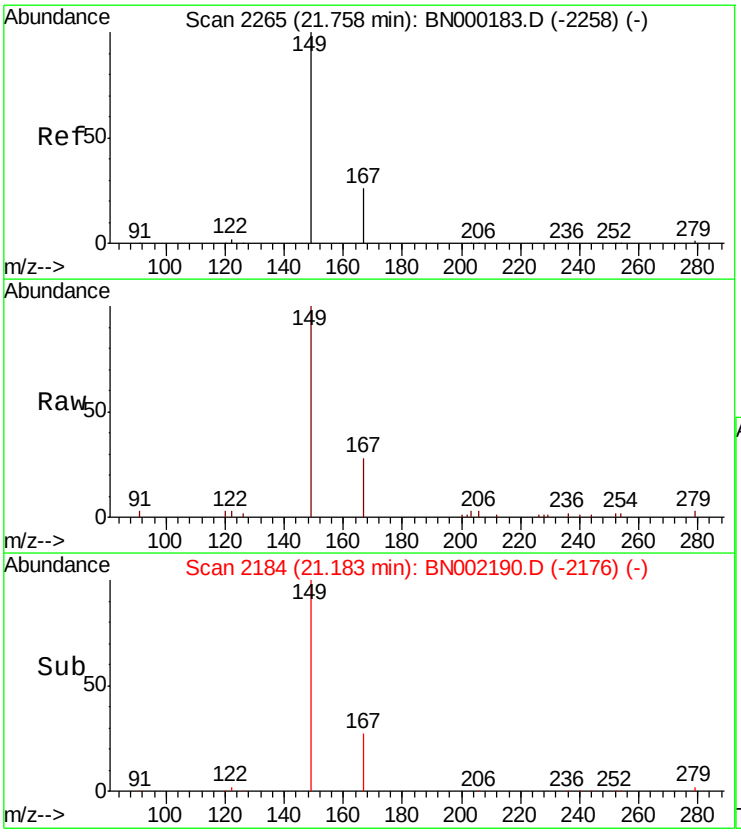
#31
Chrysene
Concen: 0.389 ng
RT: 21.30 min Scan# 2195
Delta R.T. -0.00 min
Lab File: BN002190.D
Acq: 30 Jul 2018 17:50

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 12293

Ion	Ratio	Lower	Upper
228	100		
226	30.8	24.0	36.0
229	20.2	16.0	24.0

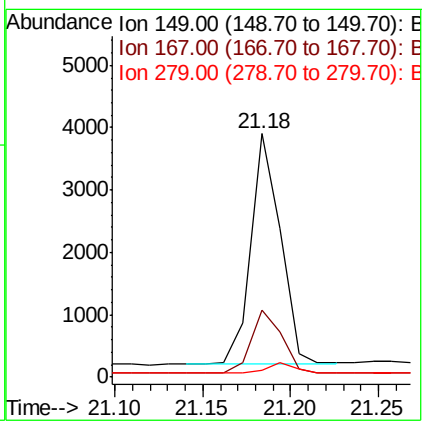


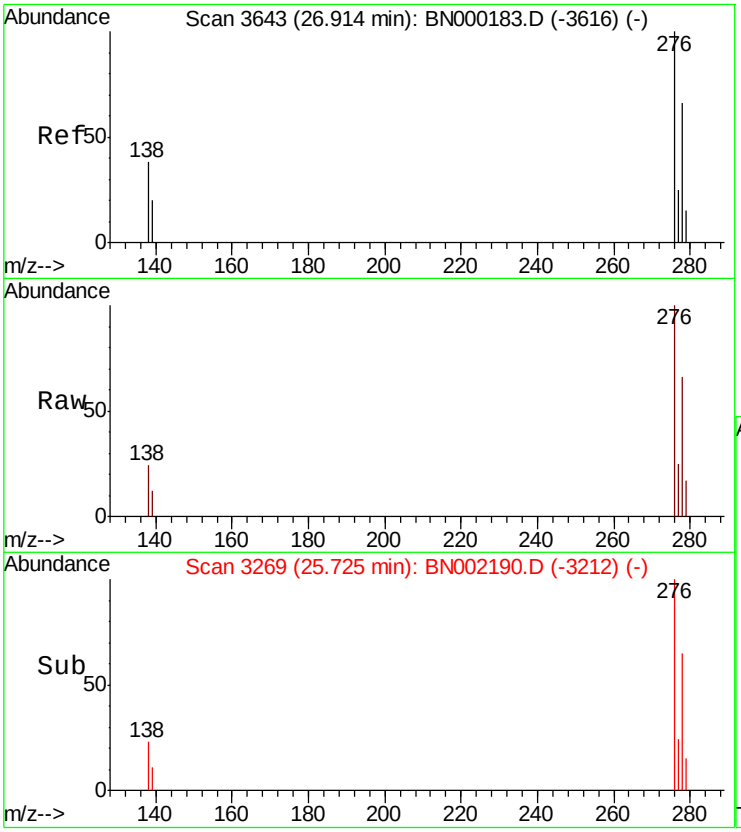


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.336 ng
RT: 21.18 min Scan# 2184
Delta R.T. -0.01 min
Lab File: BN002190.D
Acq: 30 Jul 2018 17:50

Tgt Ion:149 Resp: 4337

Ion	Ratio	Lower	Upper
149	100		
167	28.1	20.0	30.0
279	4.4	1.6	2.4#



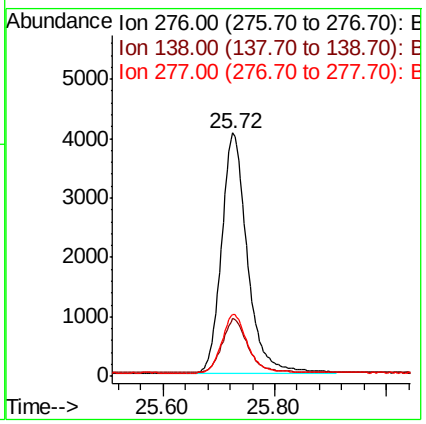


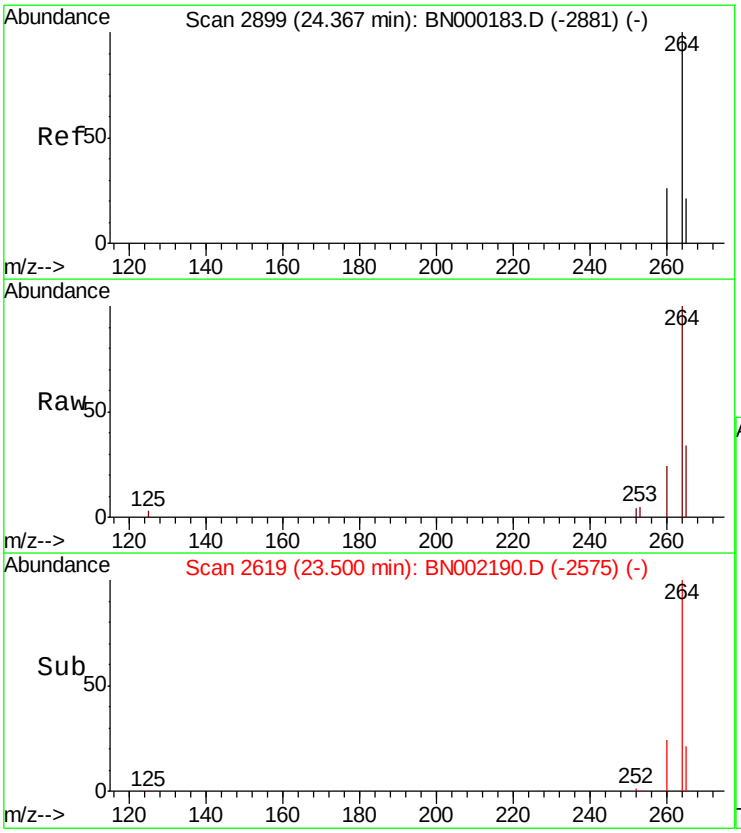
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.435 ng
RT: 25.72 min Scan# 3269
Delta R.T. -0.00 min
Lab File: BN002190.D
Acq: 30 Jul 2018 17:50

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 12975

Ion	Ratio	Lower	Upper
276	100		
138	22.1	22.5	33.7#
277	24.4	19.9	29.9

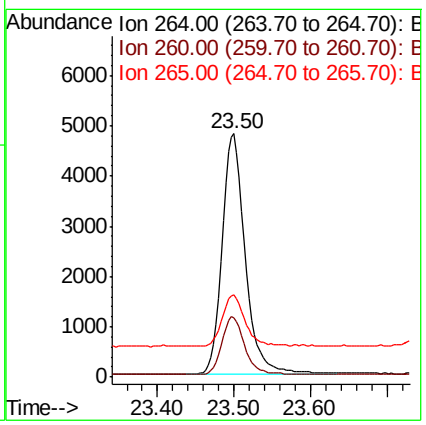


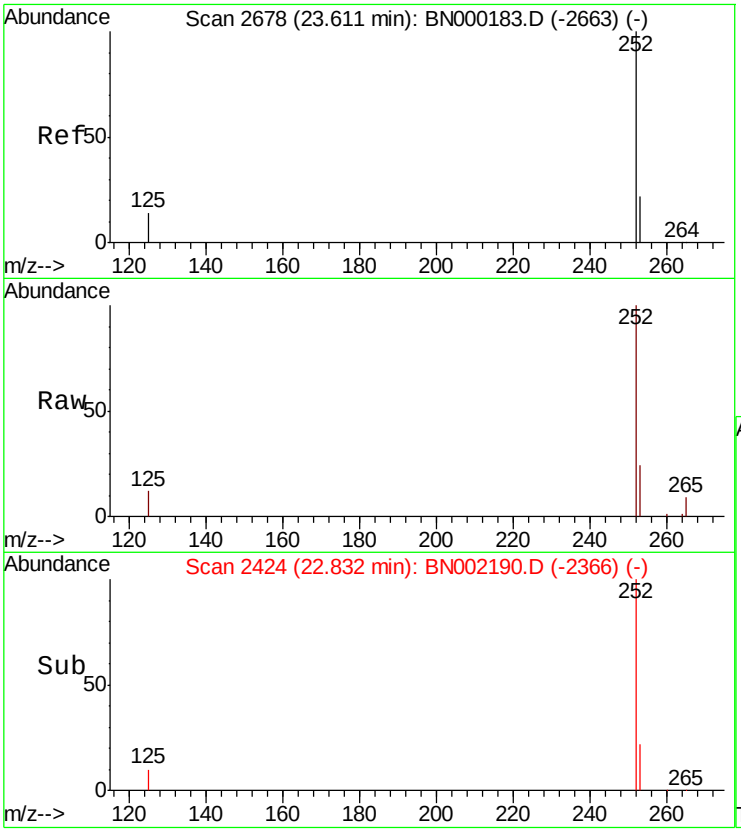


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.50 min Scan# 2619
Delta R.T. -0.00 min
Lab File: BN002190.D
Acq: 30 Jul 2018 17:50

Tgt Ion:264 Resp: 10233

Ion	Ratio	Lower	Upper
264	100		
260	24.5	20.5	30.7
265	33.6	22.8	34.2



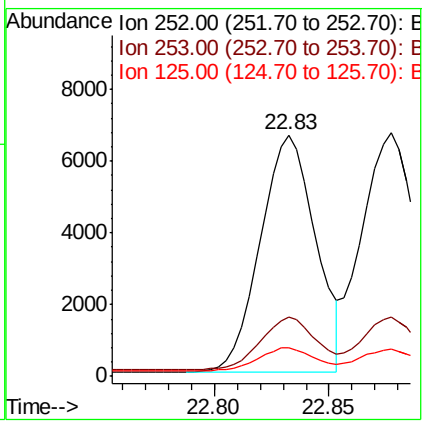


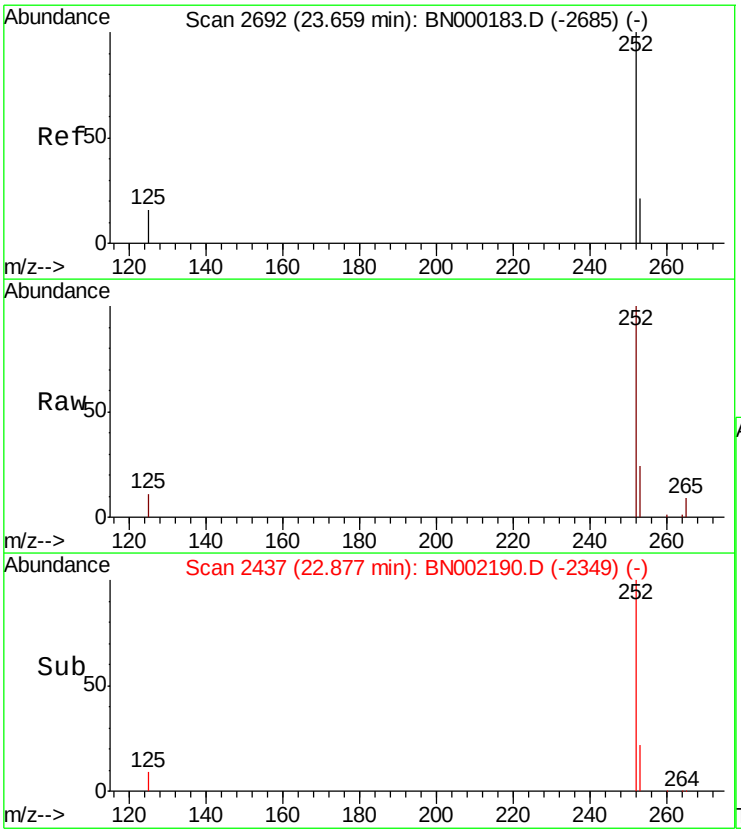
#35
Benzo(b)fluoranthene
Concen: 0.367 ng
RT: 22.83 min Scan# 2424
Delta R.T. -0.00 min
Lab File: BN002190.D
Acq: 30 Jul 2018 17:50

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 11053

Ion	Ratio	Lower	Upper
252	100		
253	24.4	20.0	30.0
125	11.7	16.0	24.0#

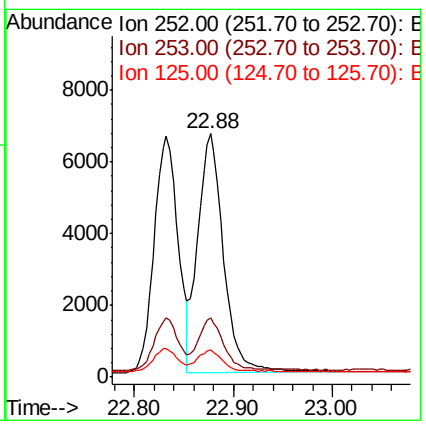


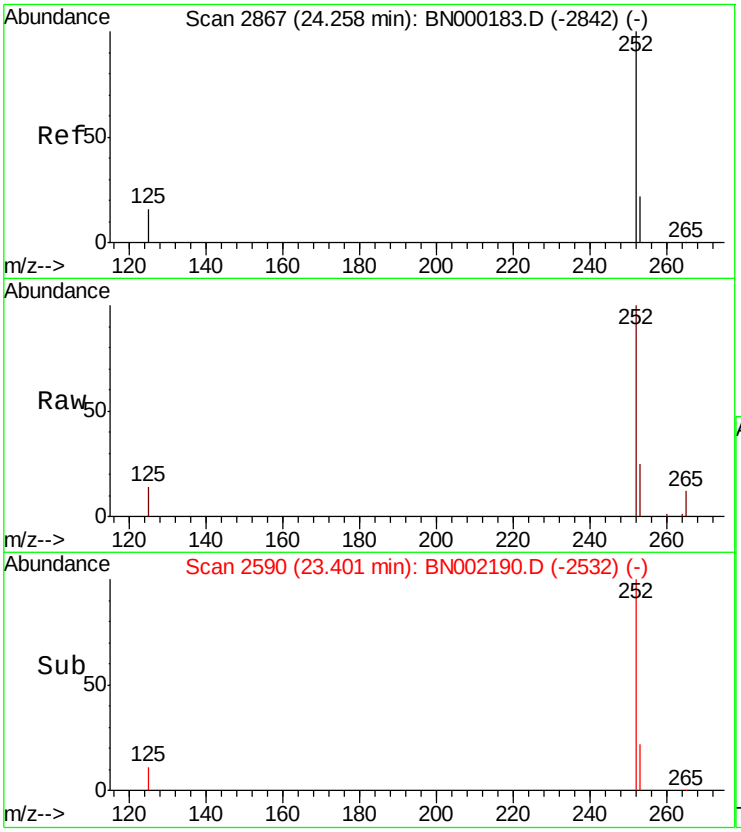


#36
Benzo(k)fluoranthene
Concen: 0.385 ng
RT: 22.88 min Scan# 2437
Delta R.T. -0.00 min
Lab File: BN002190.D
Acq: 30 Jul 2018 17:50

Tgt Ion:252 Resp: 12026

Ion	Ratio	Lower	Upper
252	100		
253	24.2	16.0	24.0#
125	11.0	8.0	12.0



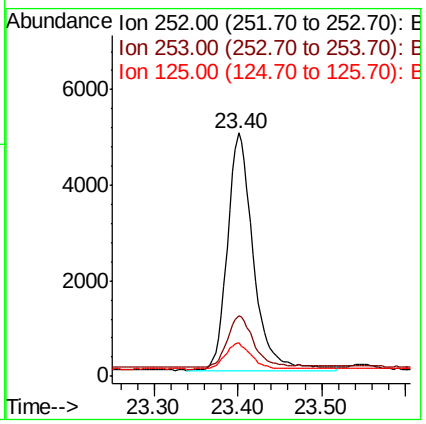


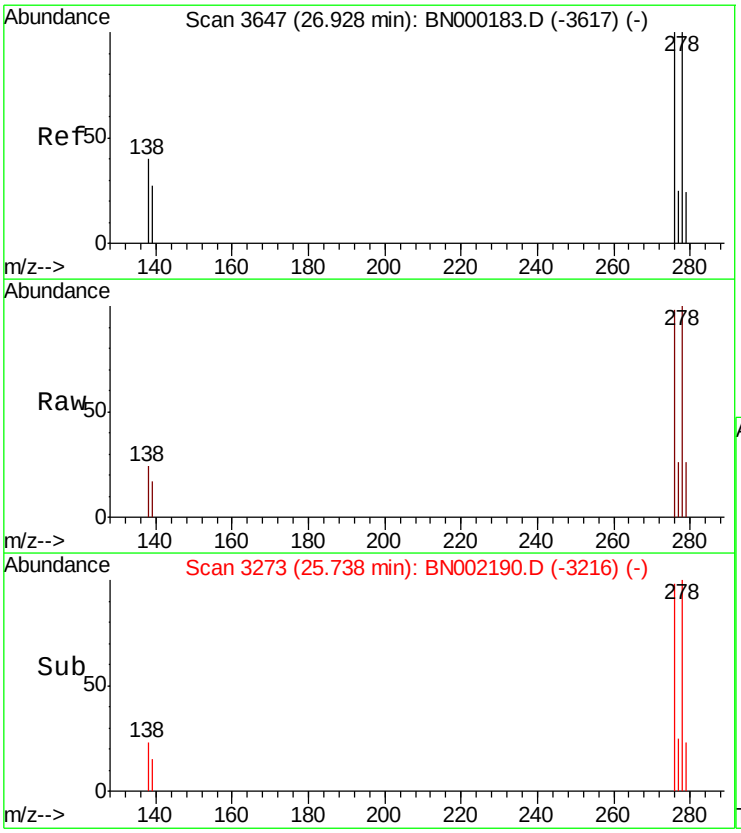
#37
Benzo(a)pyrene
Concen: 0.389 ng
RT: 23.40 min Scan# 2590
Delta R.T. -0.00 min
Lab File: BN002190.D
Acq: 30 Jul 2018 17:50

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 10599

Ion	Ratio	Lower	Upper
252	100		
253	25.1	16.0	24.0#
125	14.0	12.0	18.0

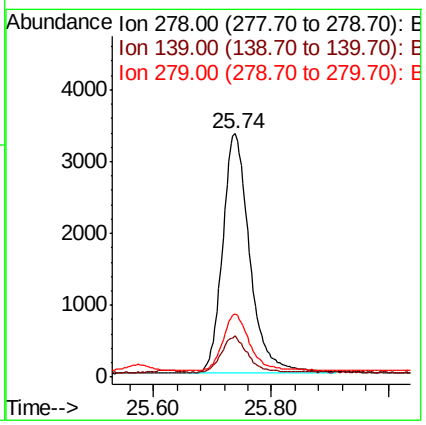


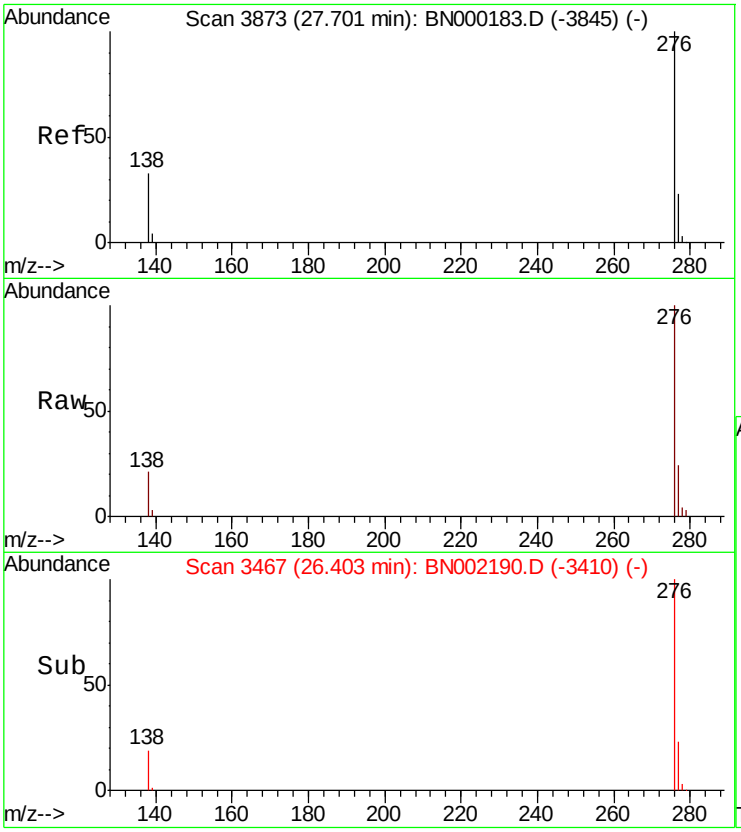


#38
Dibenzo(a,h)anthracene
Concen: 0.404 ng
RT: 25.74 min Scan# 3273
Delta R.T. -0.00 min
Lab File: BN002190.D
Acq: 30 Jul 2018 17:50

Tgt Ion:278 Resp: 10726

Ion	Ratio	Lower	Upper
278	100		
139	17.2	16.0	24.0
279	25.7	20.0	30.0





#39
Benzo(g,h,i)perylene
Concen: 0.409 ng
RT: 26.40 min Scan# 3467
Delta R.T. -0.00 min
Lab File: BN002190.D
Acq: 30 Jul 2018 17:50

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 11078

Ion	Ratio	Lower	Upper
276	100		
277	24.4	16.0	24.0#
138	20.6	20.0	30.0