Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_N\DATA\BN022718\
Data File : BN000196.D
Acq On : 27 Feb 2018 18:13
Operator : JU/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDCCC0.4EC

Quant Time: Feb 27 18:43:25 2018
Quant Method : Z:\HPCHEM1\BNA_N\METHODS\8270-SIM-BN022718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 27 15:07:57 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.46	152	4729	0.40	ng		0.00
7) Naphthalene-d8	11.29	136	18346	0.40	ng		0.00
13) Acenaphthene-d10	15.07	164	9026	0.40	ng		0.00
19) Phenanthrene-d10	17.78	188	20873	0.40	ng		0.00
27) Chrysene-d12	21.90	240	18622	0.40	ng		0.00
34) Perylene-d12	24.37	264	15781	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.93	112	3868	0.39	ng		0.00
5) Phenol-d6	7.58	99	4897	0.39	ng		0.00
8) Nitrobenzene-d5	9.63	82	4049	0.37	ng		0.00
11) 2-Methylnaphthalene-d10	12.85	152	10990	0.40	ng		0.00
14) 2,4,6-Tribromophenol	16.53	330	1087	0.38	ng		0.00
15) 2-Fluorobiphenyl	13.69	172	17429	0.41	ng		0.00
25) Fluoranthene-d10	19.77	212	21343	0.38	ng		0.00
29) Terphenyl-d14	20.33	244	13464	0.41	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.65	88	1987	0.406	ng		90
3) n-Nitrosodimethylamine	4.03	42	1147	0.361	ng	#	98
6) bis(2-Chloroethyl)ether	7.85	93	6583	0.408	ng		99
9) Naphthalene	11.34	128	21256	0.396	ng		96
10) Hexachlorobutadiene	11.62	225	3639	0.400	ng		97
12) 2-Methylnaphthalene	12.92	142	13880	0.395	ng		99
16) Acenaphthylene	14.78	152	15435	0.363	ng		99
17) Acenaphthene	15.13	154	13335	0.398	ng		97
18) Fluorene	16.10	166	16484	0.394	ng	#	79
20) 4-Bromophenyl-phenylether	16.97	248	4643	0.386	ng	#	85
21) Hexachlorobenzene	17.09	284	6325	0.393	ng		96
22) Pentachlorophenol	17.43	266	1260	0.346	ng		96
23) Phenanthrene	17.82	178	28980	0.395	ng		99
24) Anthracene	17.91	178	20457	0.367	ng		96
26) Fluoranthene	19.80	202	28825	0.378	ng	#	96
28) Pyrene	20.15	202	29293	0.401	ng		100
30) Benzo(a)anthracene	21.87	228	21928	0.374	ng		97
31) Chrysene	21.93	228	27666	0.404	ng		98
32) Bis(2-ethylhexyl)phthalate	21.76	149	7992	0.366	ng		98
33) Indeno(1,2,3-cd)pyrene	26.92	276	27280	0.426	ng	#	89
35) Benzo(b)fluoranthene	23.61	252	28608	0.397	ng		96
36) Benzo(k)fluoranthene	23.66	252	28306	0.402	ng	#	88
37) Benzo(a)pyrene	24.26	252	23115	0.394	ng	#	89
38) Dibenzo(a,h)anthracene	26.93	278	21185	0.405	ng	#	91
39) Benzo(g,h,i)perylene	27.70	276	24624	0.399	ng	#	85

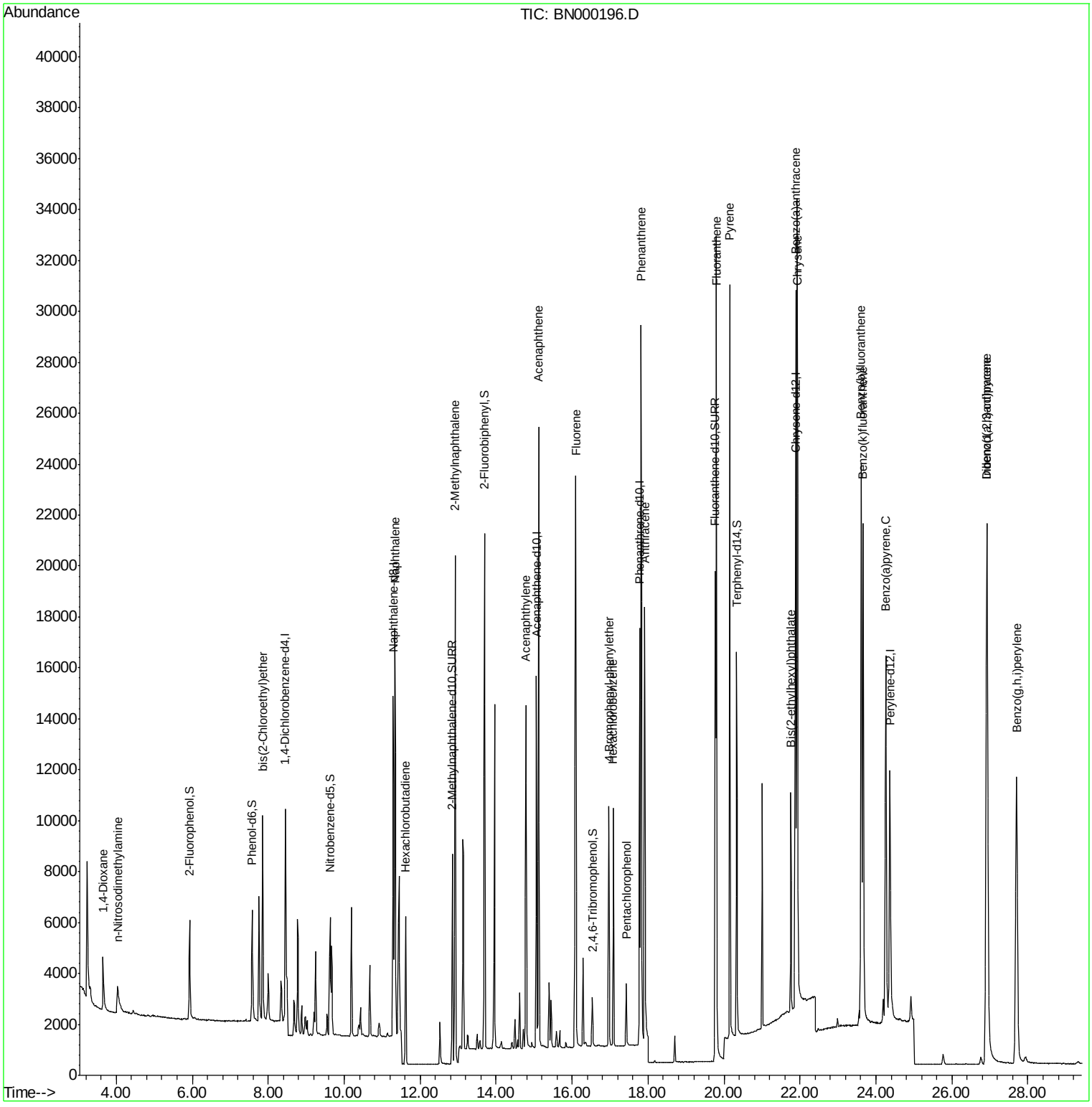
(#) = qualifier out of range (m) = manual integration (+) = signals summed

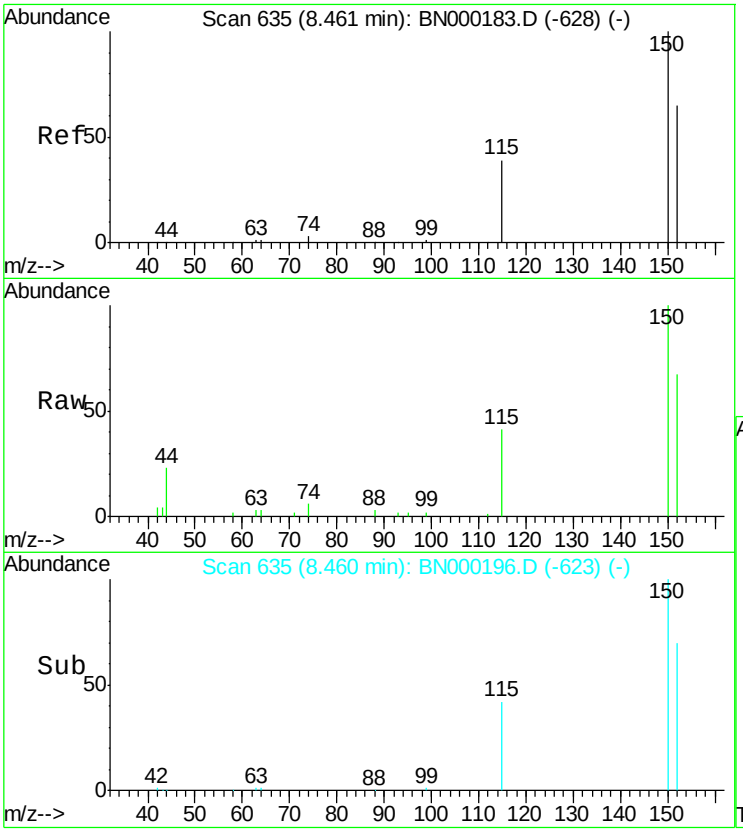
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_N\DATA\BN022718\
Data File : BN000196.D
Acq On : 27 Feb 2018 18:13
Operator : JU/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Quant Time: Feb 27 18:43:25 2018
Quant Method : Z:\HPCHEM1\BNA_N\METHODS\8270-SIM-BN022718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 27 15:07:57 2018
Response via : Initial Calibration



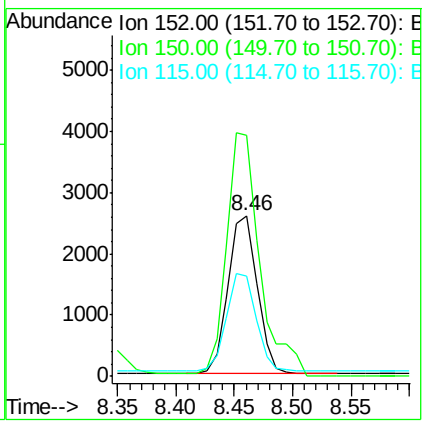


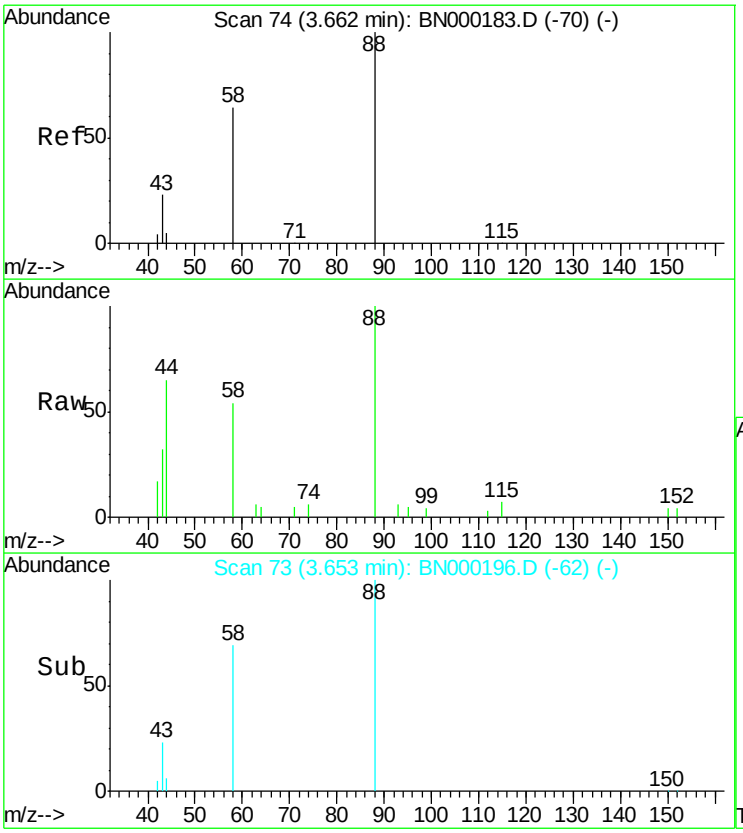
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.46 min Scan# 635
Delta R.T. -0.00 min
Lab File: BN000196.D
Acq: 27 Feb 2018 18:13

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:152 Resp: 4729

Ion	Ratio	Lower	Upper
152	100		
150	150.1	117.2	175.8
115	62.3	57.0	85.6

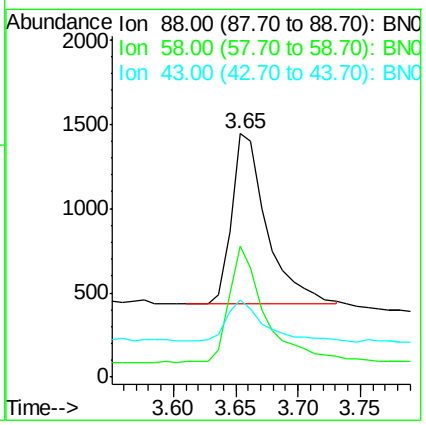


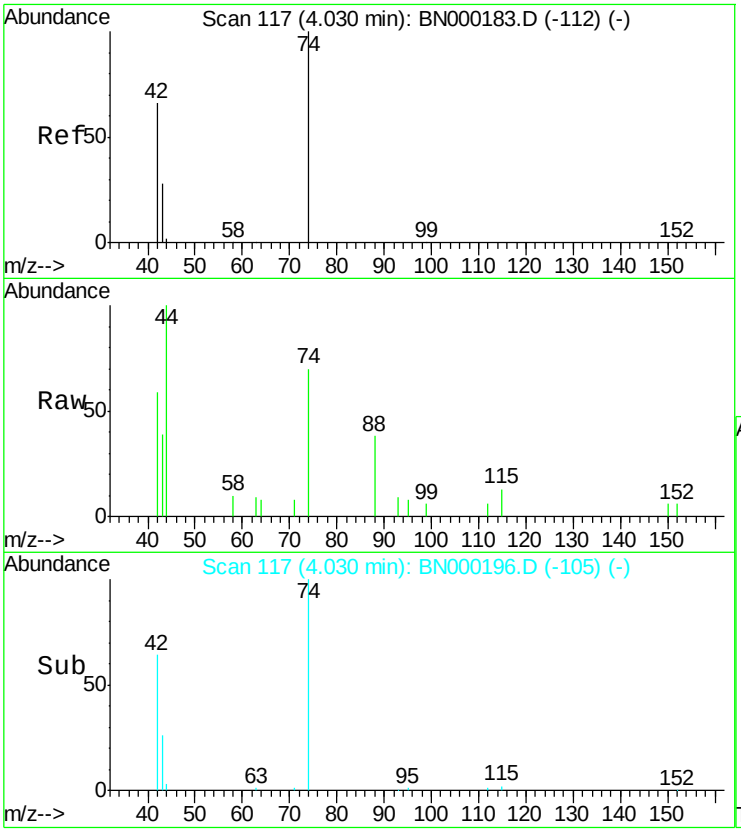


#2
1,4-Dioxane
Concen: 0.406 ng
RT: 3.65 min Scan# 73
Delta R.T. -0.01 min
Lab File: BN000196.D
Acq: 27 Feb 2018 18:13

Tgt Ion: 88 Resp: 1987

Ion	Ratio	Lower	Upper
88	100		
58	70.8	48.0	72.0
43	24.8	20.0	30.0



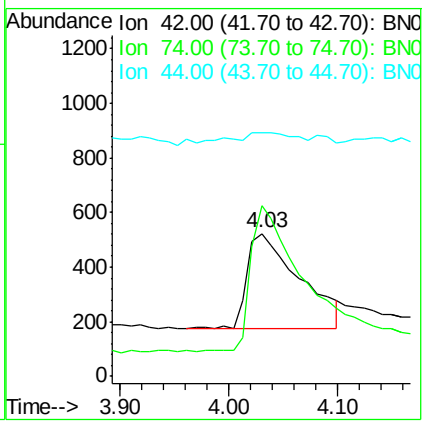


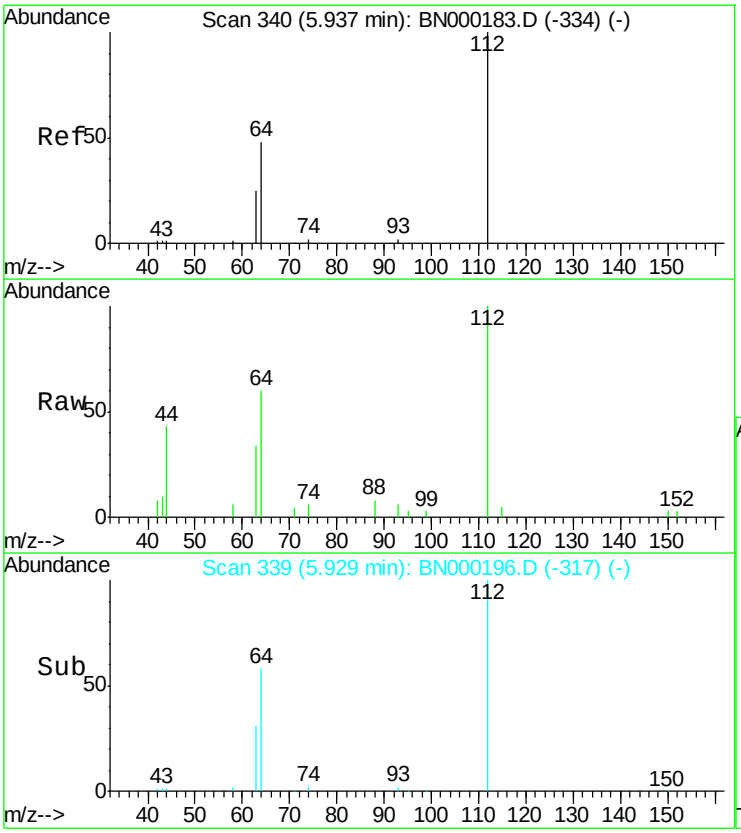
#3
n-Nitrosodimethylamine
Concen: 0.361 ng
RT: 4.03 min Scan# 117
Delta R.T. 0.00 min
Lab File: BN000196.D
Acq: 27 Feb 2018 18:13

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 42 Resp: 1147

Ion	Ratio	Lower	Upper
42	100		
74	148.7	120.0	180.0
44	13.0	4.0	6.0#

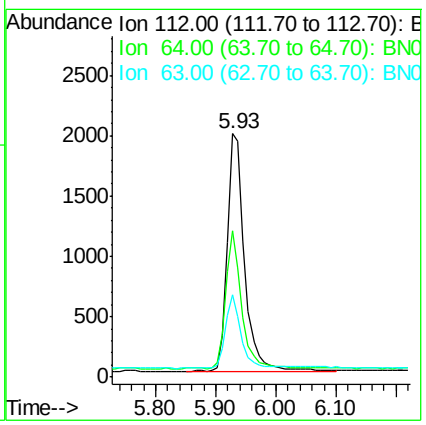


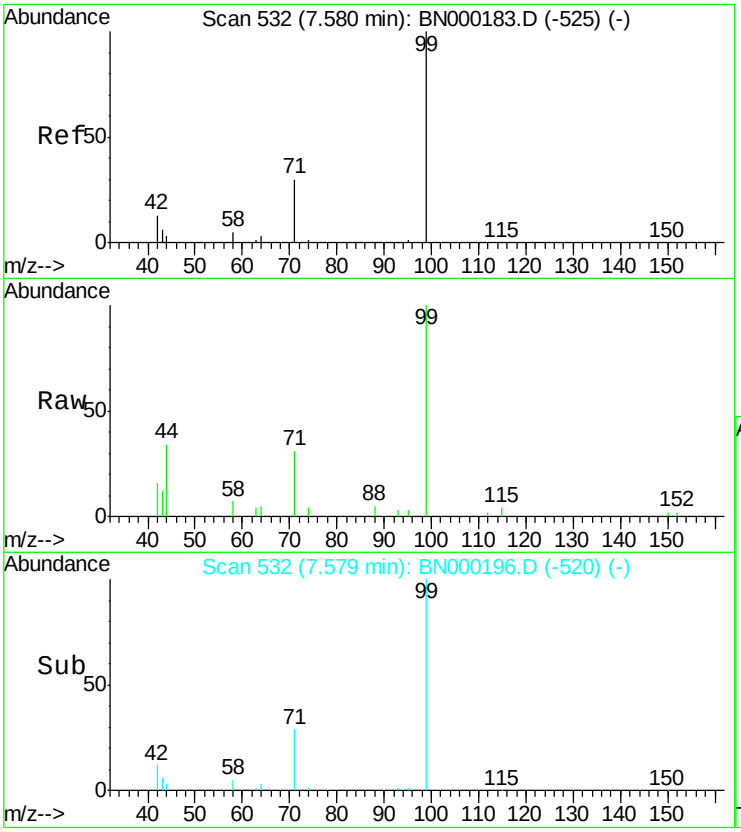


#4
2-Fluorophenol
Concen: 0.387 ng
RT: 5.93 min Scan# 339
Delta R.T. -0.01 min
Lab File: BN000196.D
Acq: 27 Feb 2018 18:13

Tgt Ion:112 Resp: 3868

Ion	Ratio	Lower	Upper
112	100		
64	53.7	60.1	90.1#
63	28.4	116.8	175.2#



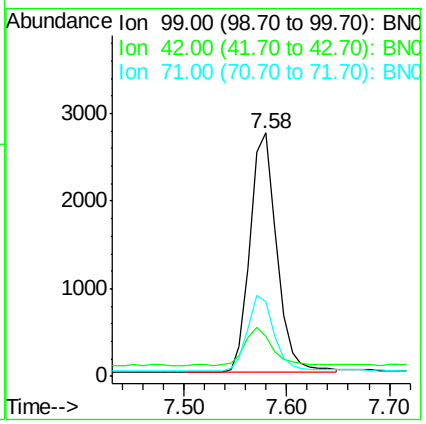


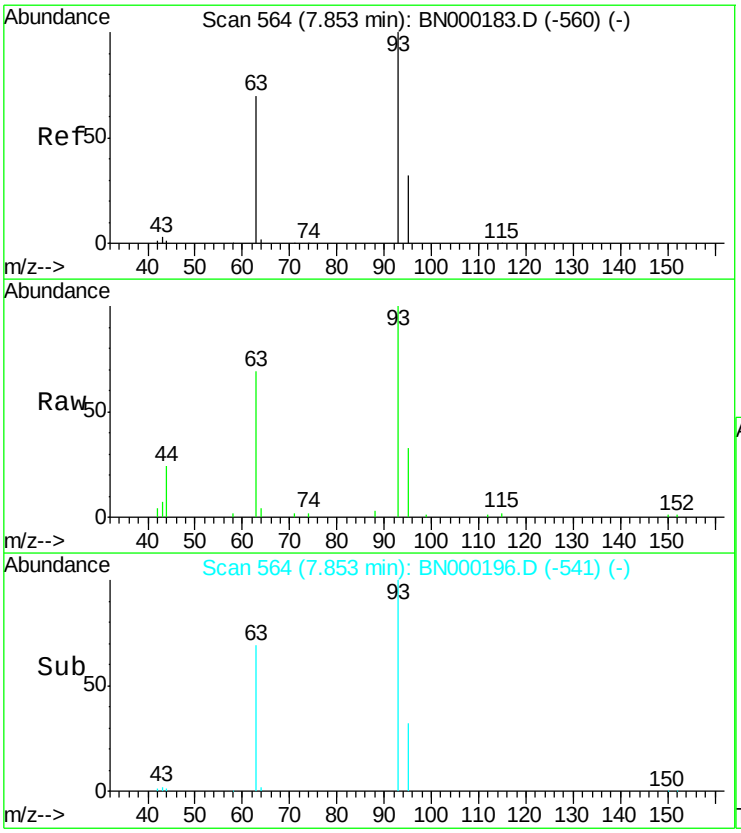
#5
Phenol-d6
Concen: 0.386 ng
RT: 7.58 min Scan# 532
Delta R.T. -0.00 min
Lab File: BN000196.D
Acq: 27 Feb 2018 18:13

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 99 Resp: 4897

Ion	Ratio	Lower	Upper
99	100		
42	16.4	20.2	30.2#
71	31.5	28.4	42.6

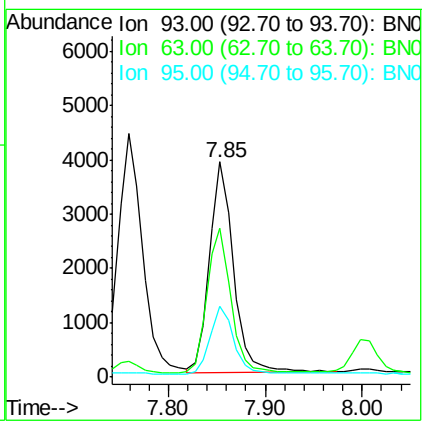


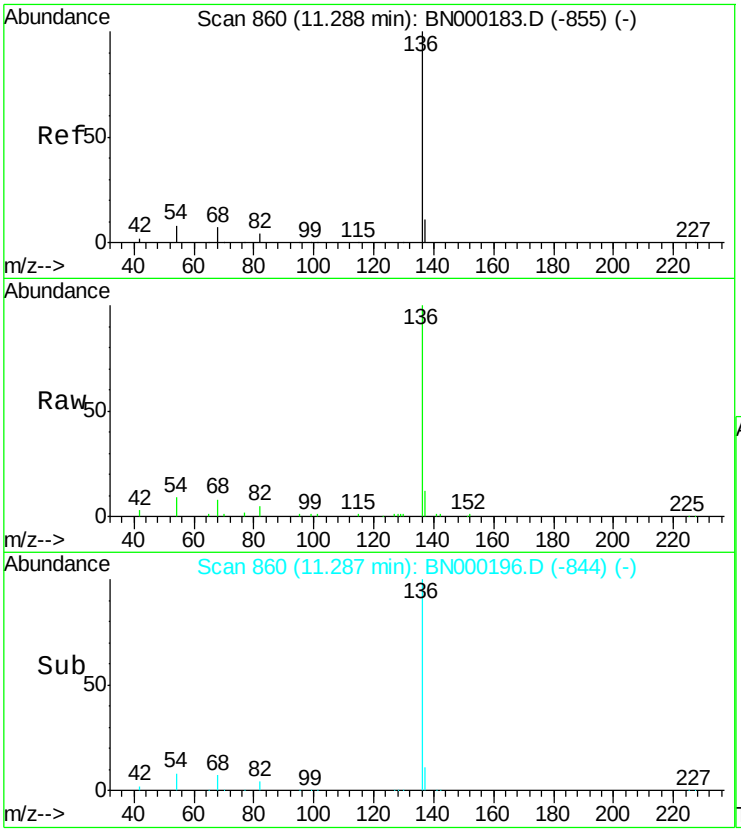


#6
bis(2-Chloroethyl)ether
Concen: 0.408 ng
RT: 7.85 min Scan# 564
Delta R.T. -0.00 min
Lab File: BN000196.D
Acq: 27 Feb 2018 18:13

Tgt Ion: 93 Resp: 6583

Ion	Ratio	Lower	Upper
93	100		
63	68.7	56.0	84.0
95	31.6	25.2	37.8



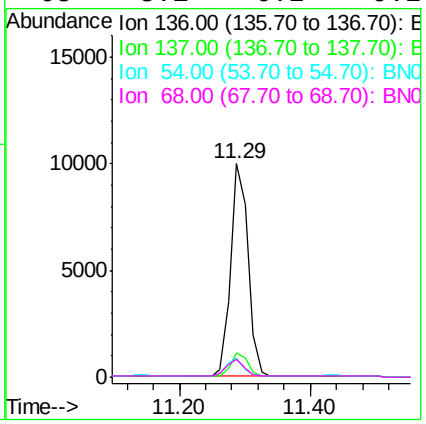


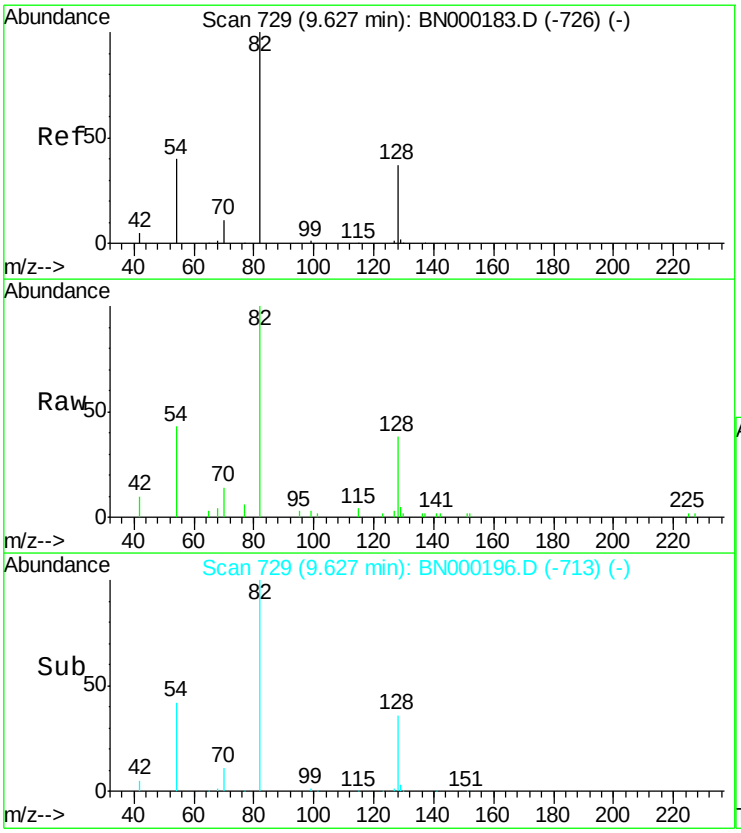
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 11.29 min Scan# 860
Delta R.T. -0.00 min
Lab File: BN000196.D
Acq: 27 Feb 2018 18:13

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:136 Resp: 18346

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.5	14.3
54	8.7	29.1	43.7#
68	8.1	6.2	9.2

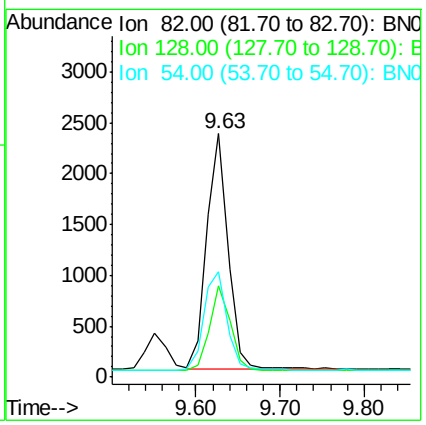


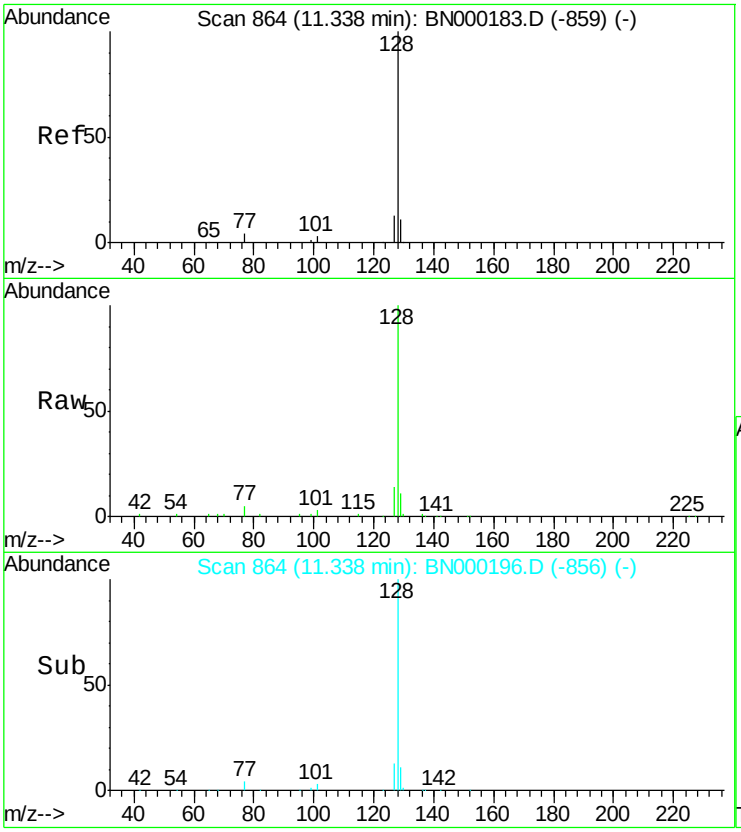


#8
Nitrobenzene-d5
Concen: 0.372 ng
RT: 9.63 min Scan# 729
Delta R.T. -0.00 min
Lab File: BN000196.D
Acq: 27 Feb 2018 18:13

Tgt Ion: 82 Resp: 4049

Ion	Ratio	Lower	Upper
82	100		
128	37.6	150.0	225.0#
54	43.4	154.2	231.4#



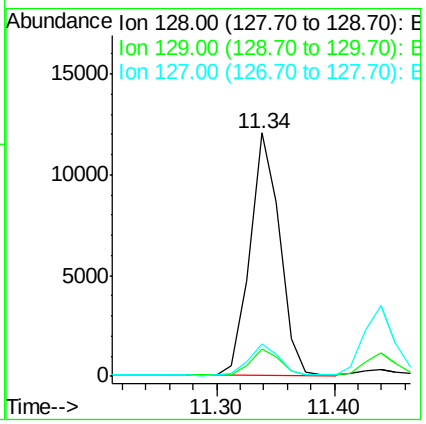


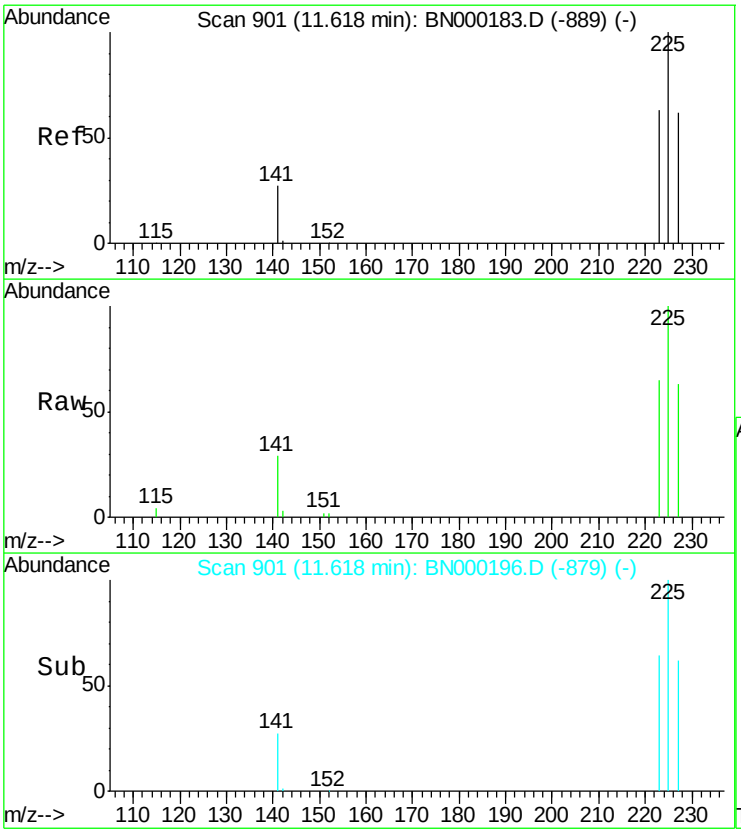
#9
Naphthalene
Concen: 0.396 ng
RT: 11.34 min Scan# 864
Delta R.T. -0.00 min
Lab File: BN000196.D
Acq: 27 Feb 2018 18:13

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:128 Resp: 21256

Ion	Ratio	Lower	Upper
128	100		
129	11.3	8.0	12.0
127	13.5	9.6	14.4

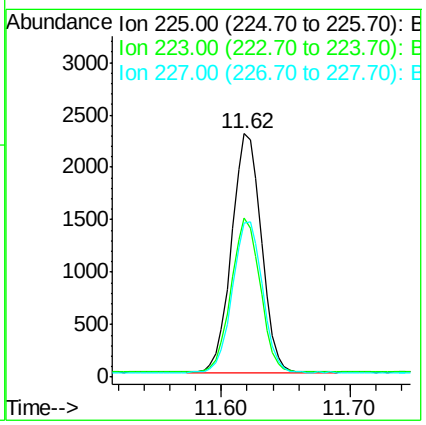


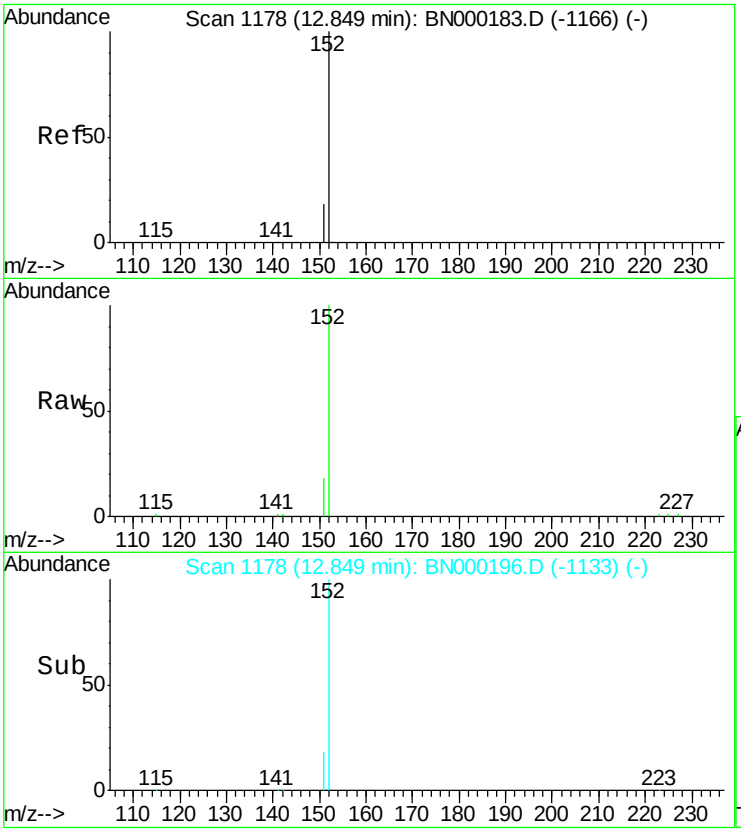


#10
Hexachlorobutadiene
Concen: 0.400 ng
RT: 11.62 min Scan# 901
Delta R.T. -0.00 min
Lab File: BN000196.D
Acq: 27 Feb 2018 18:13

Tgt Ion:225 Resp: 3639

Ion	Ratio	Lower	Upper
225	100		
223	62.6	53.0	79.6
227	63.3	51.4	77.2



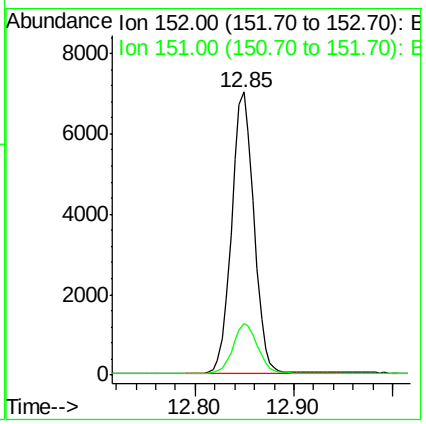


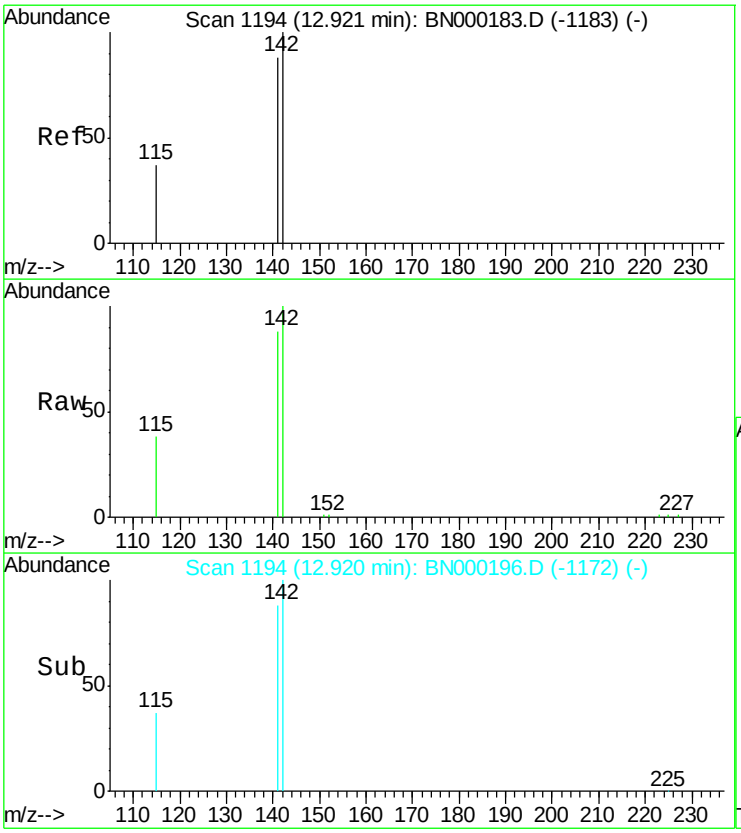
#11
2-Methylnaphthalene-d10
Concen: 0.398 ng
RT: 12.85 min Scan# 1178
Delta R.T. -0.00 min
Lab File: BN000196.D
Acq: 27 Feb 2018 18:13

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:152 Resp: 10990

Ion	Ratio	Lower	Upper
152	100		
151	19.2	15.4	23.0

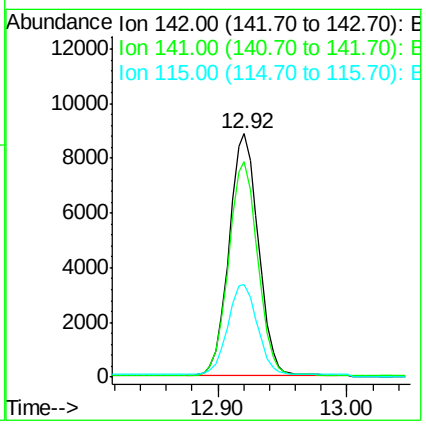


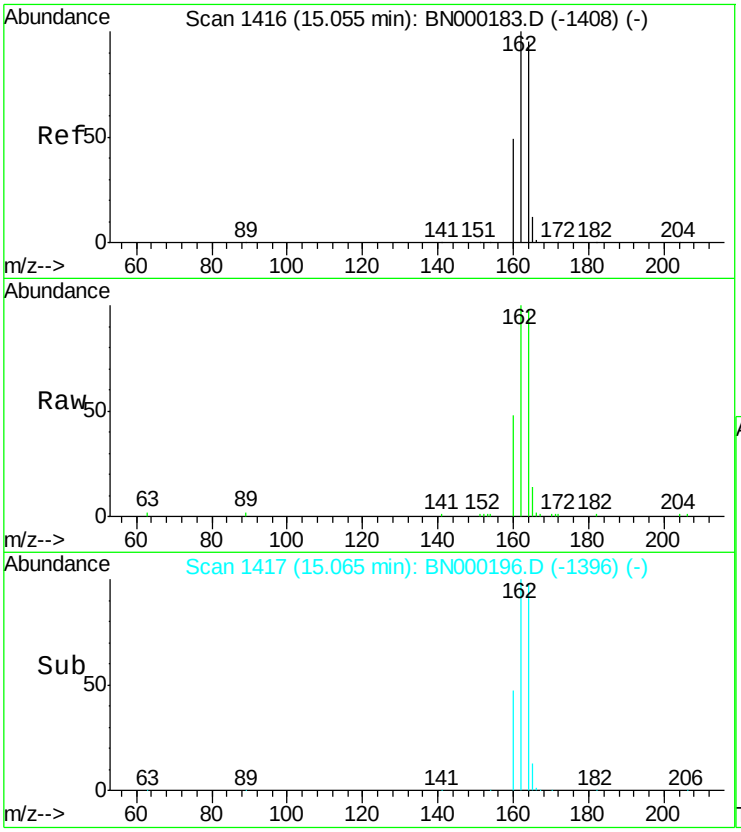


#12
2-Methylnaphthalene
Concen: 0.395 ng
RT: 12.92 min Scan# 1194
Delta R.T. -0.00 min
Lab File: BN000196.D
Acq: 27 Feb 2018 18:13

Tgt Ion:142 Resp: 13880

Ion	Ratio	Lower	Upper
142	100		
141	88.3	70.4	105.6
115	38.1	31.7	47.5



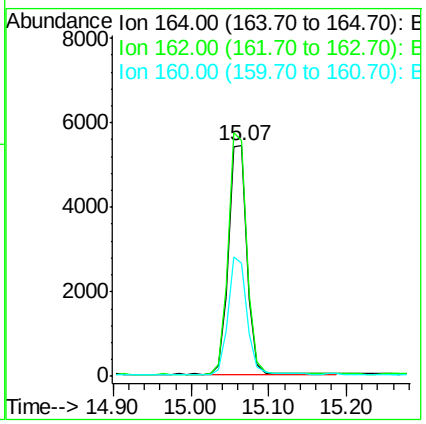


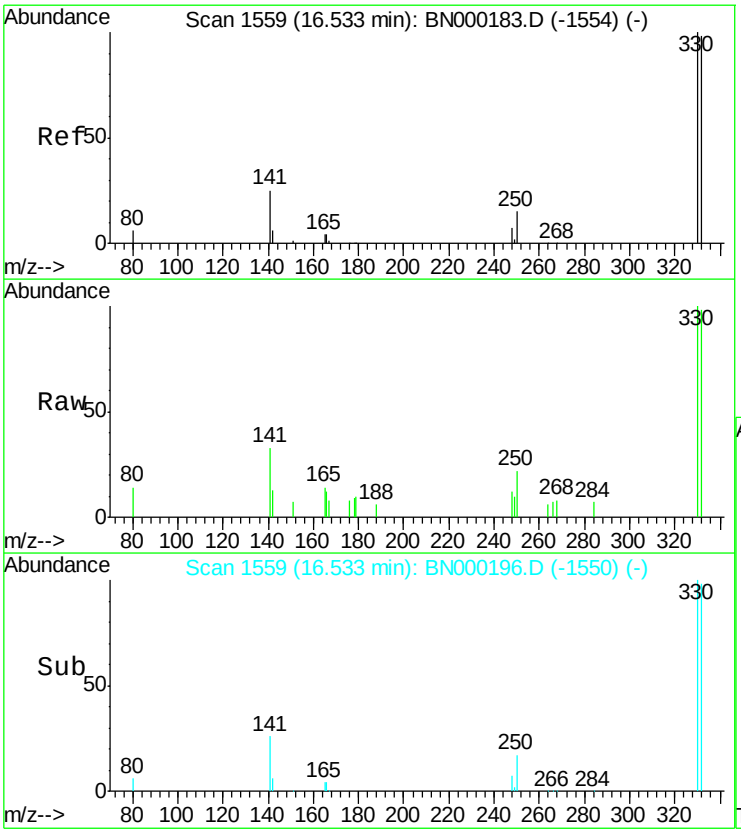
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 15.07 min Scan# 1417
Delta R.T. 0.01 min
Lab File: BN000196.D
Acq: 27 Feb 2018 18:13

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:164 Resp: 9026

Ion	Ratio	Lower	Upper
164	100		
162	102.3	83.1	124.7
160	49.1	37.1	55.7

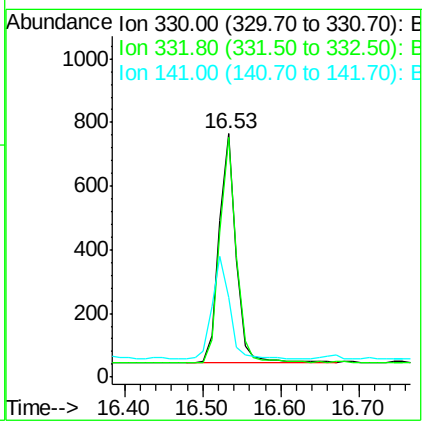


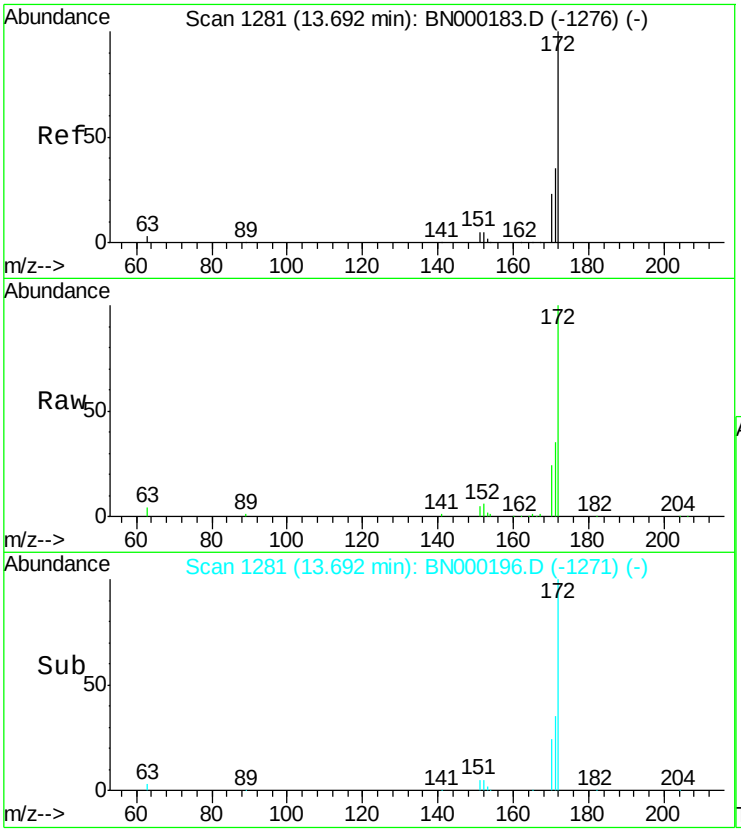


#14
2,4,6-Tribromophenol
Concen: 0.379 ng
RT: 16.53 min Scan# 1559
Delta R.T. 0.00 min
Lab File: BN000196.D
Acq: 27 Feb 2018 18:13

Tgt Ion:330 Resp: 1087

Ion	Ratio	Lower	Upper
330	100		
332	97.4	152.7	229.1#
141	46.3	33.7	50.5



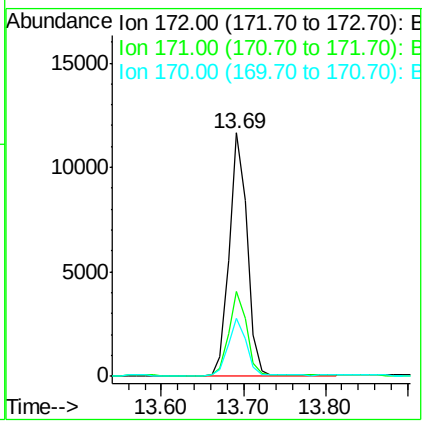


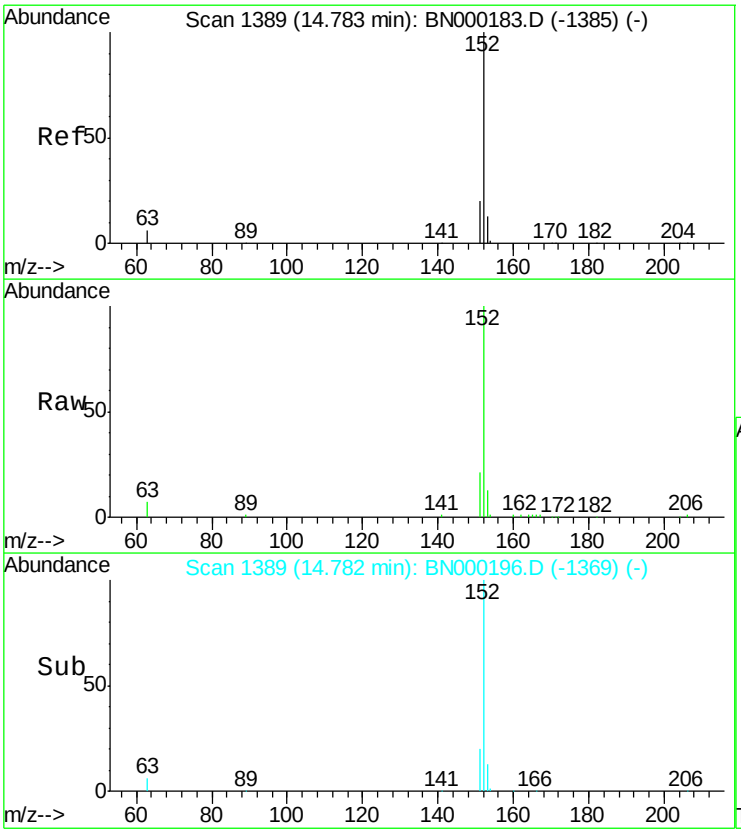
#15
2-Fluorobiphenyl
Concen: 0.407 ng
RT: 13.69 min Scan# 1281
Delta R.T. -0.00 min
Lab File: BN000196.D
Acq: 27 Feb 2018 18:13

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:172 Resp: 17429

Ion	Ratio	Lower	Upper
172	100		
171	35.1	29.9	44.9
170	23.9	21.8	32.8

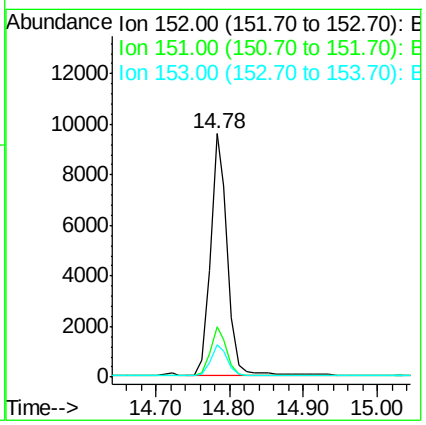


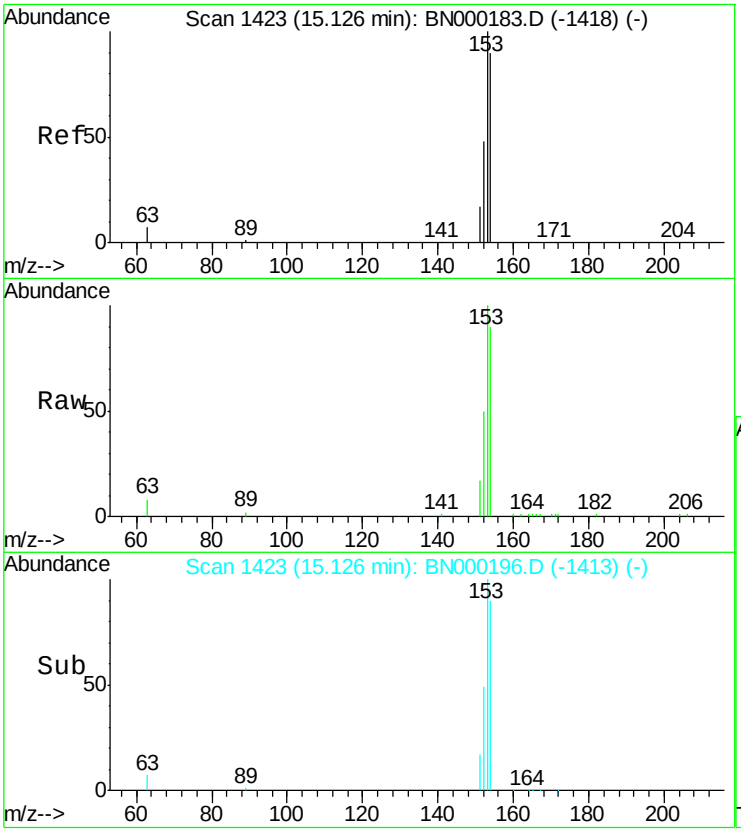


#16
Acenaphthylene
Concen: 0.363 ng
RT: 14.78 min Scan# 1389
Delta R.T. -0.00 min
Lab File: BN000196.D
Acq: 27 Feb 2018 18:13

Tgt Ion:152 Resp: 15435

Ion	Ratio	Lower	Upper
152	100		
151	20.0	15.7	23.5
153	13.0	10.5	15.7



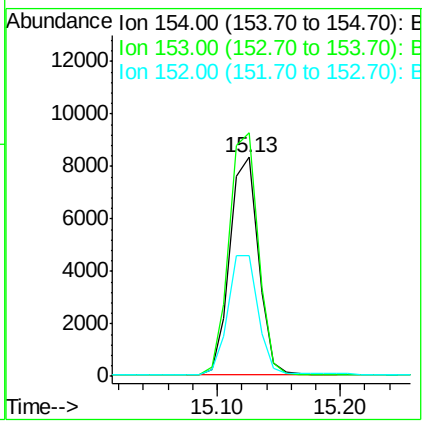


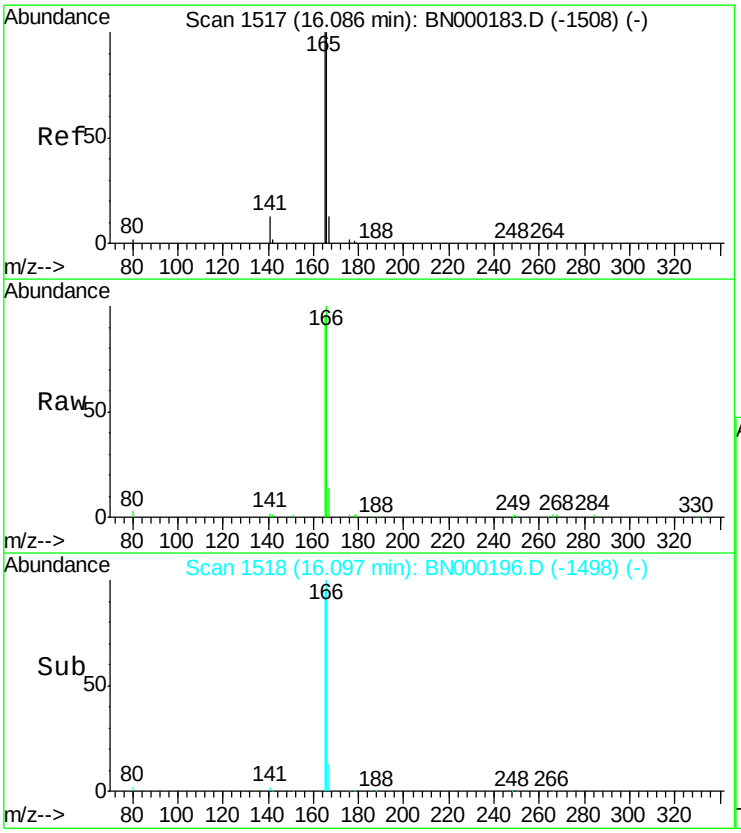
#17
Acenaphthene
Concen: 0.398 ng
RT: 15.13 min Scan# 1423
Delta R.T. -0.00 min
Lab File: BN000196.D
Acq: 27 Feb 2018 18:13

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:154 Resp: 13335

Ion	Ratio	Lower	Upper
154	100		
153	113.0	89.2	133.8
152	57.3	42.0	63.0

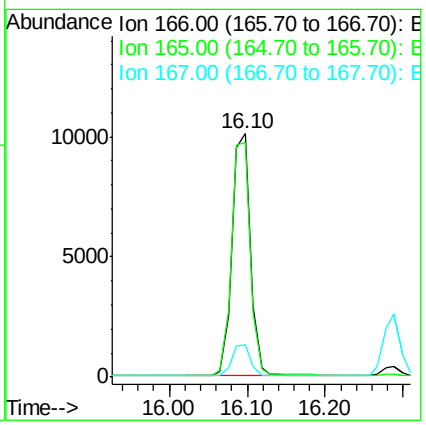


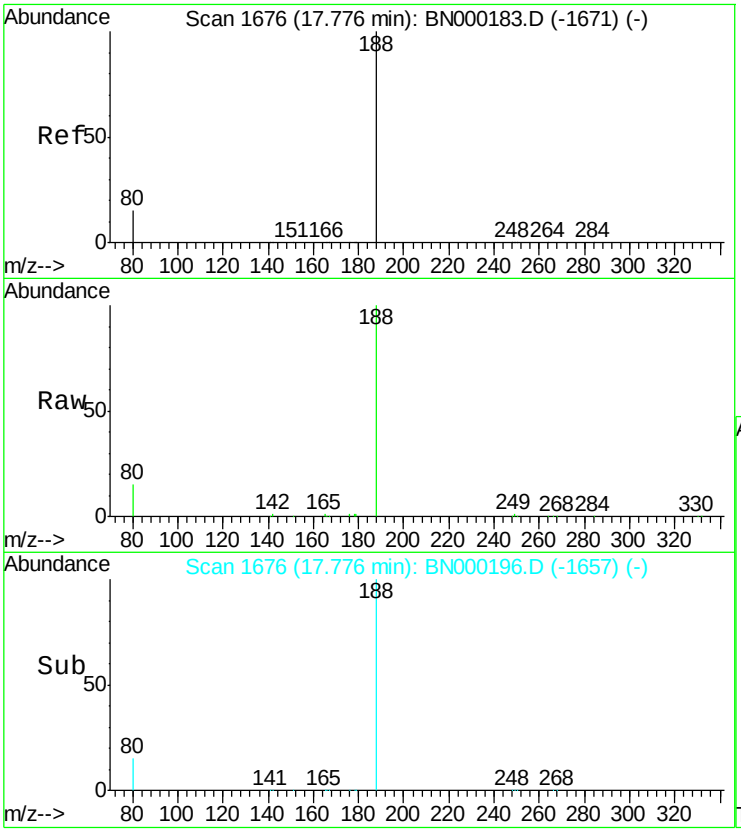


#18
Fluorene
Concen: 0.394 ng
RT: 16.10 min Scan# 1518
Delta R.T. 0.01 min
Lab File: BN000196.D
Acq: 27 Feb 2018 18:13

Tgt Ion:166 Resp: 16484

Ion	Ratio	Lower	Upper
166	100		
165	98.7	77.8	116.6
167	13.4	42.4	63.6#



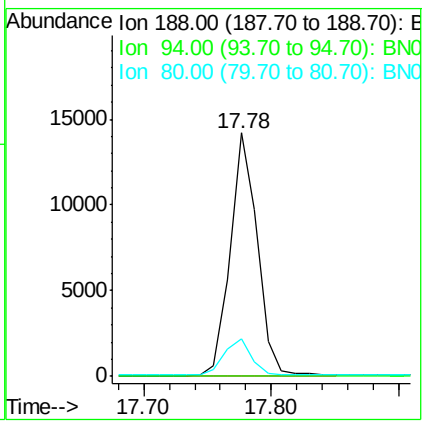


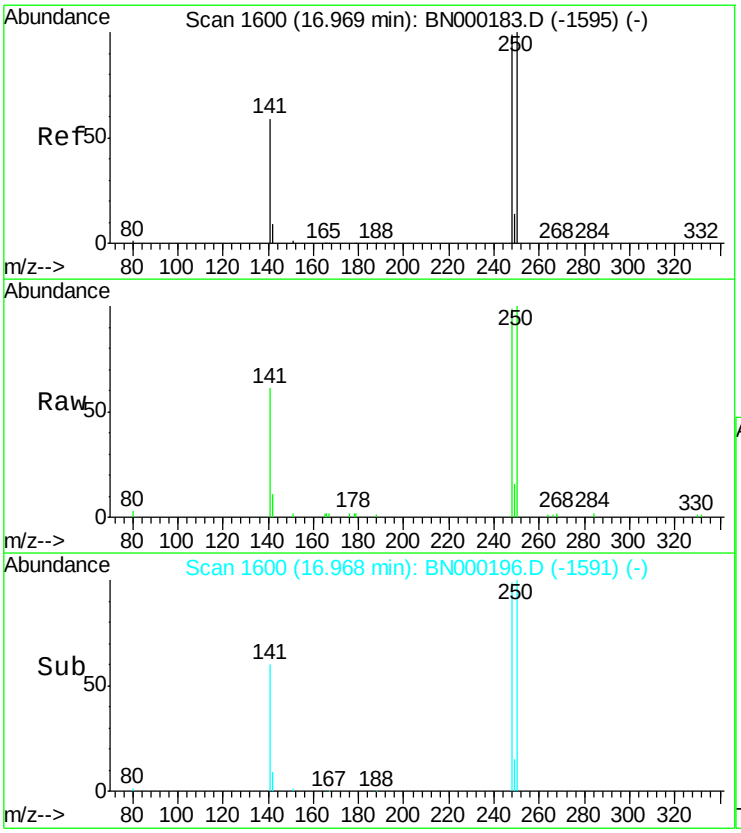
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.78 min Scan# 1676
Delta R.T. -0.00 min
Lab File: BN000196.D
Acq: 27 Feb 2018 18:13

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:188 Resp: 20873

Ion	Ratio	Lower	Upper
188	100		
94	0.0	3.9	5.9#
80	15.4	3.6	5.4#

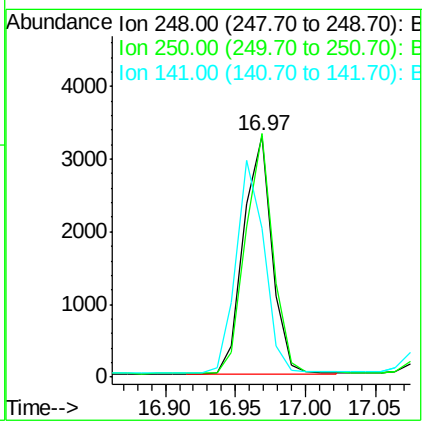


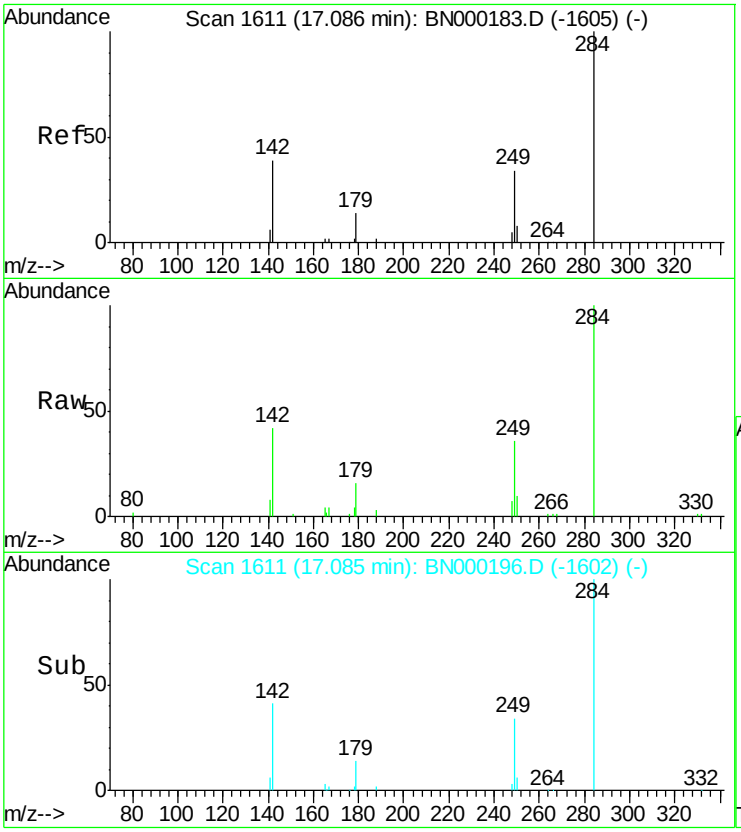


#20
4-Bromophenyl-phenylether
Concen: 0.386 ng
RT: 16.97 min Scan# 1600
Delta R.T. -0.00 min
Lab File: BN000196.D
Acq: 27 Feb 2018 18:13

Tgt Ion:248 Resp: 4643

Ion	Ratio	Lower	Upper
248	100		
250	100.8	62.7	94.1#
141	61.6	48.2	72.2



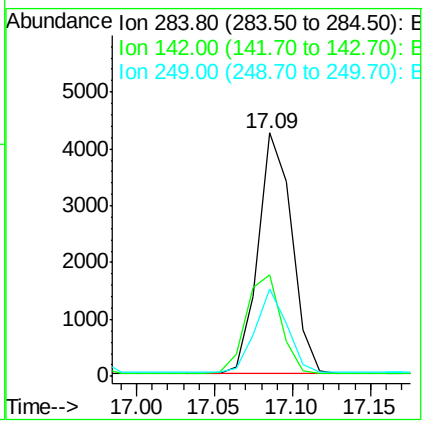


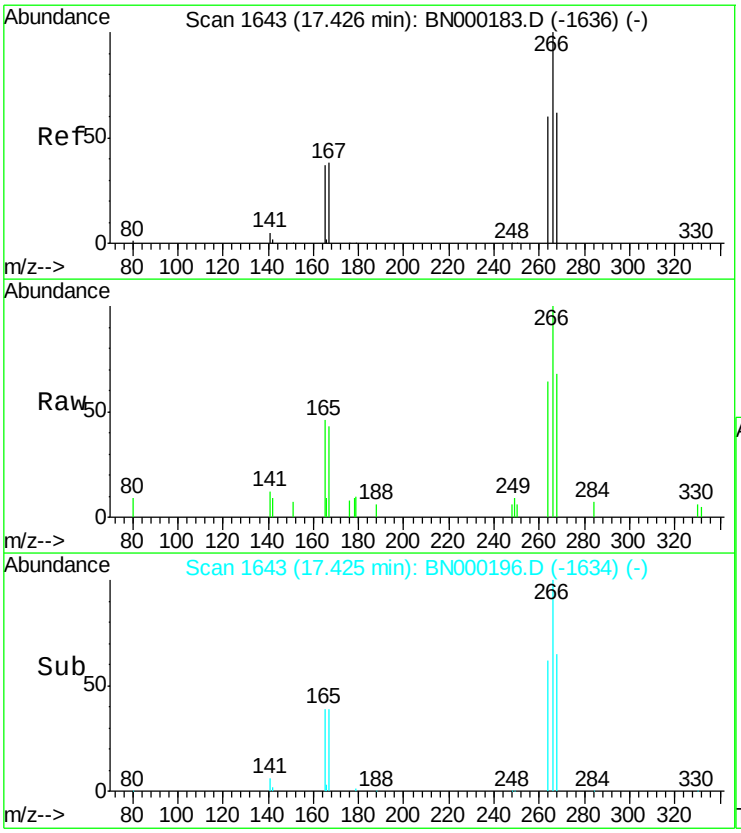
#21
Hexachlorobenzene
Concen: 0.393 ng
RT: 17.09 min Scan# 1611
Delta R.T. -0.00 min
Lab File: BN000196.D
Acq: 27 Feb 2018 18:13

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:284 Resp: 6325

Ion	Ratio	Lower	Upper
284	100		
142	42.5	32.0	48.0
249	32.6	24.0	36.0

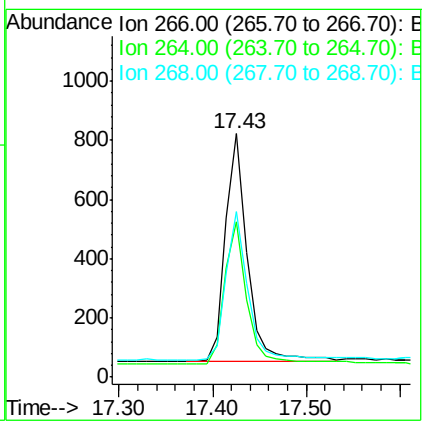


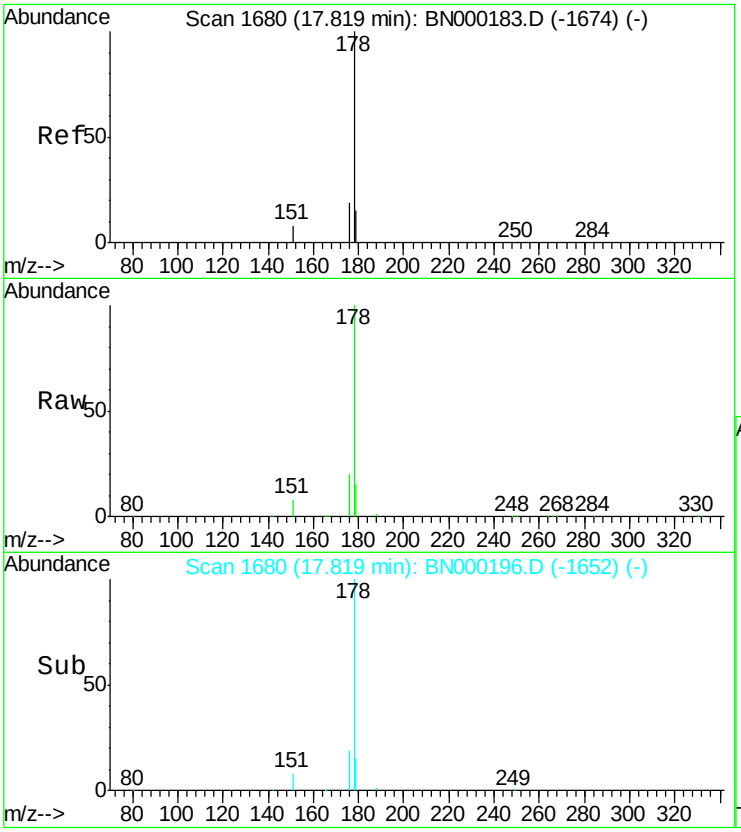


#22
Pentachlorophenol
Concen: 0.346 ng
RT: 17.43 min Scan# 1643
Delta R.T. 0.00 min
Lab File: BN000196.D
Acq: 27 Feb 2018 18:13

Tgt Ion:266 Resp: 1260

Ion	Ratio	Lower	Upper
266	100		
264	63.8	48.0	72.0
268	67.9	52.0	78.0



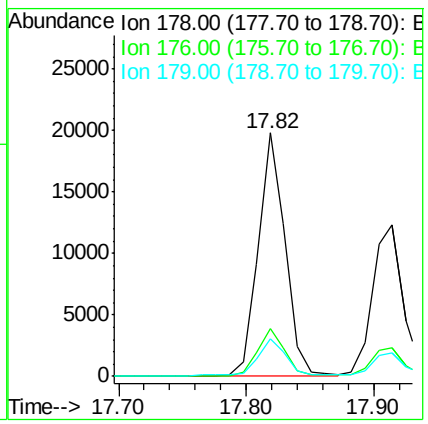


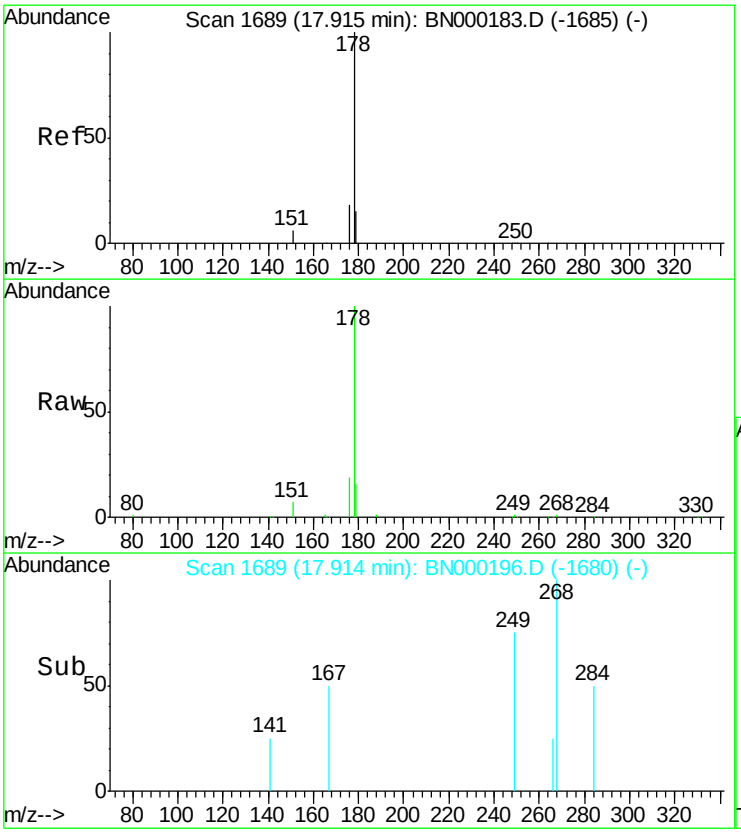
#23
Phenanthrene
Concen: 0.395 ng
RT: 17.82 min Scan# 1680
Delta R.T. -0.00 min
Lab File: BN000196.D
Acq: 27 Feb 2018 18:13

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:178 Resp: 28980

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.1	22.7
179	15.4	11.8	17.6

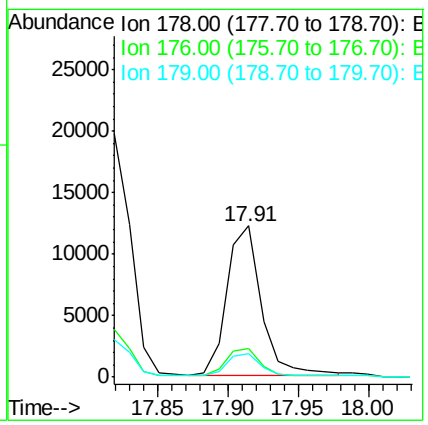


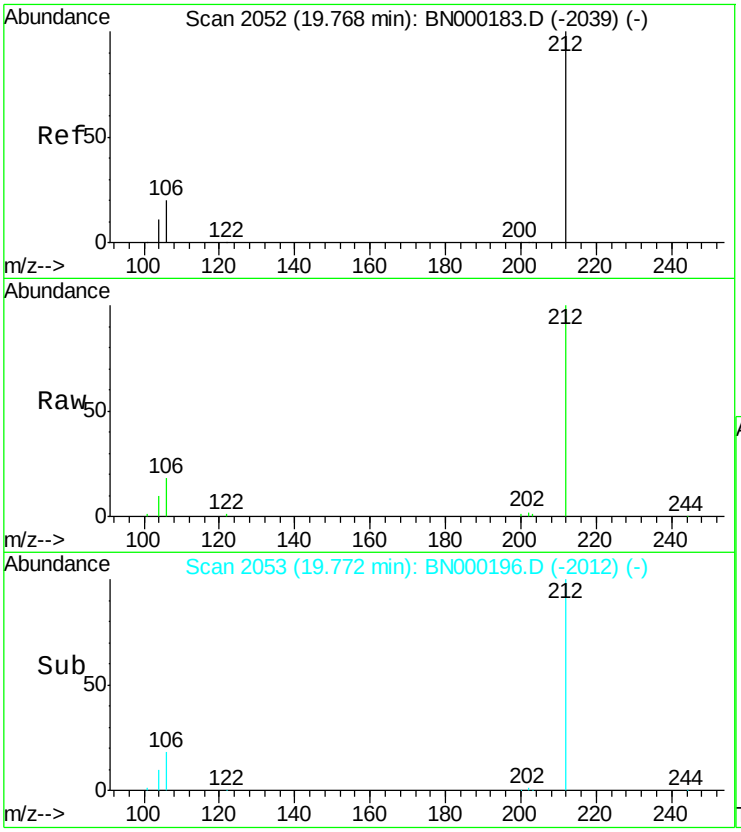


#24
Anthracene
Concen: 0.367 ng
RT: 17.91 min Scan# 1689
Delta R.T. 0.00 min
Lab File: BN000196.D
Acq: 27 Feb 2018 18:13

Tgt Ion:178 Resp: 20457

Ion	Ratio	Lower	Upper
178	100		
176	18.7	12.8	19.2
179	15.3	13.0	19.6



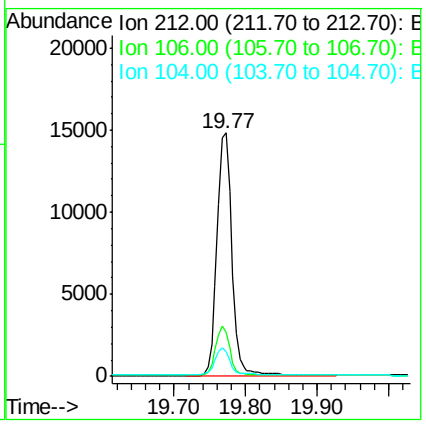


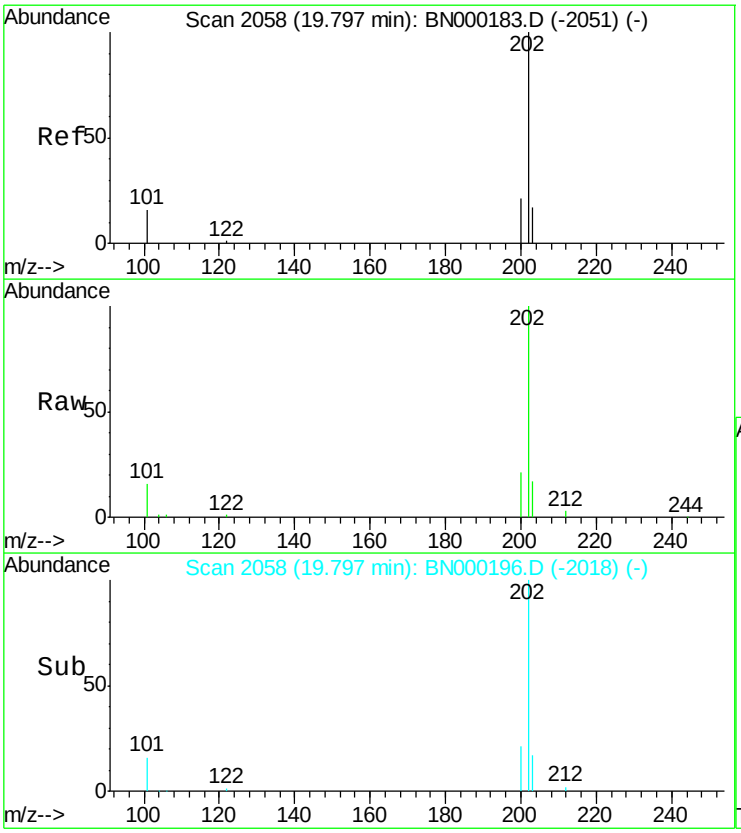
#25
Fluoranthene-d10
Concen: 0.383 ng
RT: 19.77 min Scan# 2053
Delta R.T. 0.00 min
Lab File: BN000196.D
Acq: 27 Feb 2018 18:13

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:212 Resp: 21343

Ion	Ratio	Lower	Upper
212	100		
106	19.4	2.8	4.2#
104	10.9	1.6	2.4#

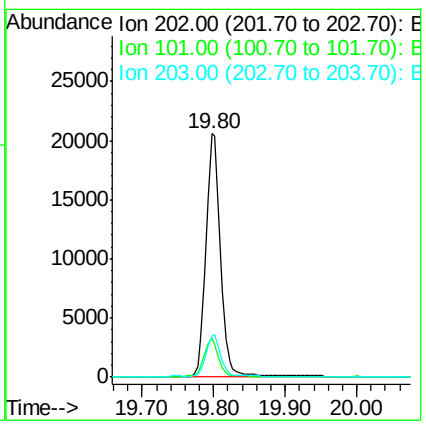


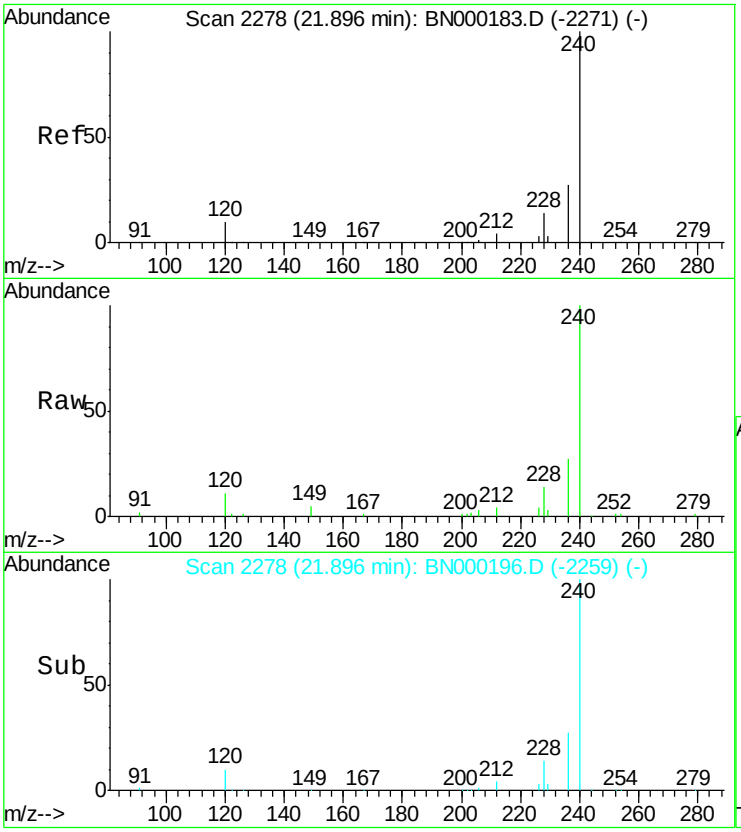


#26
Fluoranthene
Concen: 0.378 ng
RT: 19.80 min Scan# 2058
Delta R.T. -0.00 min
Lab File: BN000196.D
Acq: 27 Feb 2018 18:13

Tgt Ion:202 Resp: 28825

Ion	Ratio	Lower	Upper
202	100		
101	15.7	9.8	14.8#
203	16.9	13.7	20.5



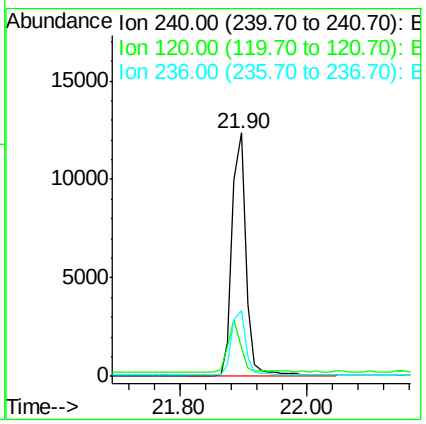


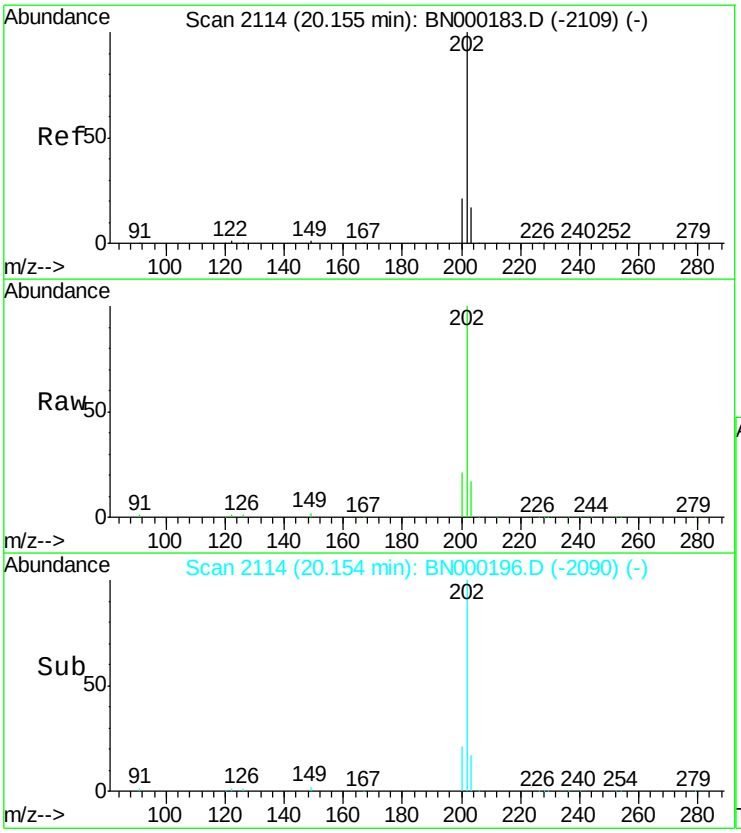
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.90 min Scan# 2278
Delta R.T. -0.00 min
Lab File: BN000196.D
Acq: 27 Feb 2018 18:13

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:240 Resp: 18622

Ion	Ratio	Lower	Upper
240	100		
120	11.5	5.5	8.3#
236	27.1	20.7	31.1

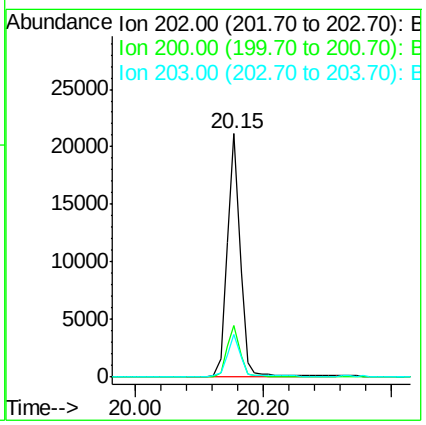


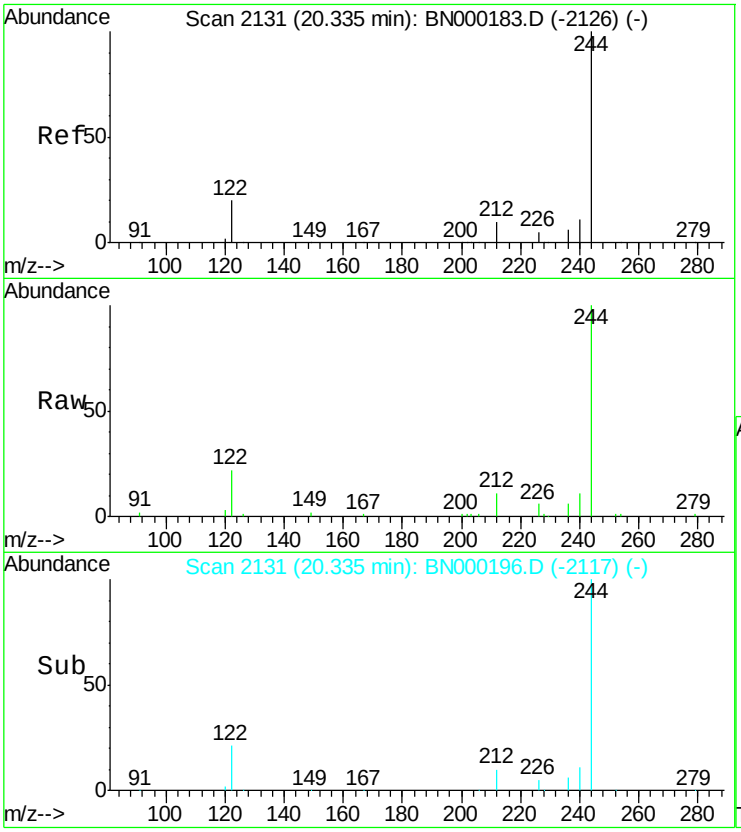


#28
Pyrene
Concen: 0.401 ng
RT: 20.15 min Scan# 2114
Delta R.T. -0.00 min
Lab File: BN000196.D
Acq: 27 Feb 2018 18:13

Tgt Ion:202 Resp: 29293

Ion	Ratio	Lower	Upper
202	100		
200	21.0	16.6	25.0
203	17.4	13.8	20.8



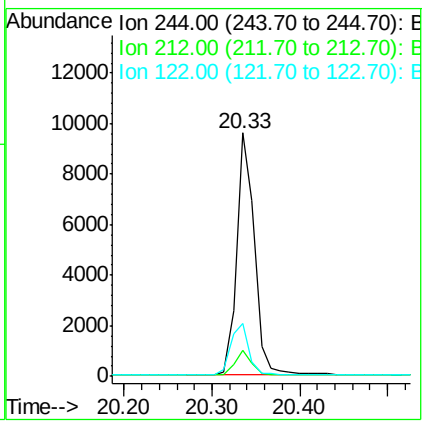


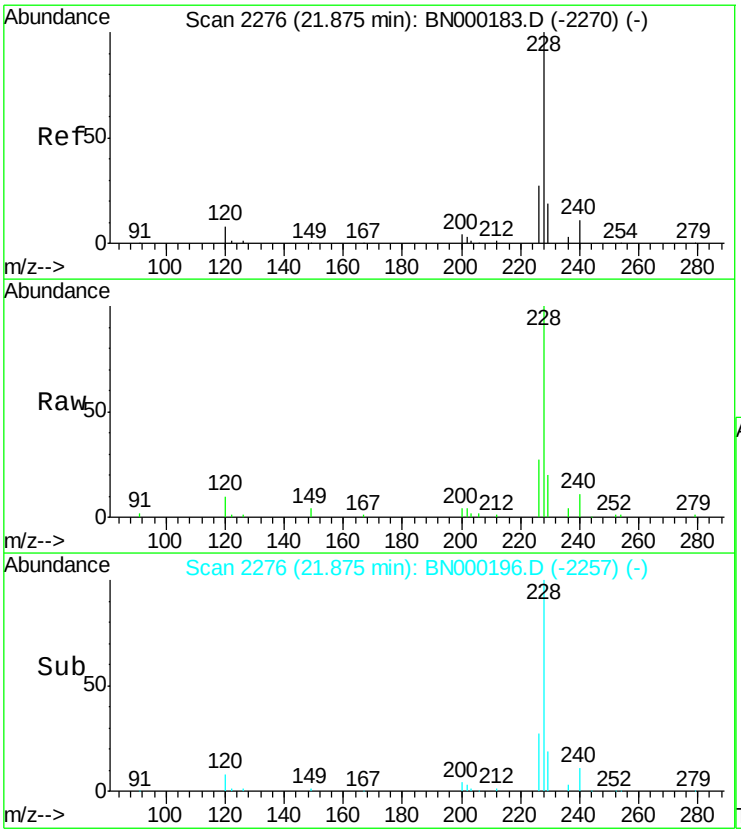
#29
Terphenyl-d14
Concen: 0.412 ng
RT: 20.33 min Scan# 2131
Delta R.T. -0.00 min
Lab File: BN000196.D
Acq: 27 Feb 2018 18:13

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:244 Resp: 13464

Ion	Ratio	Lower	Upper
244	100		
212	10.6	25.4	38.0#
122	21.9	8.1	12.1#

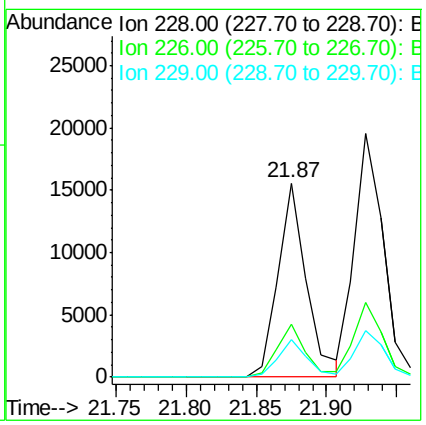


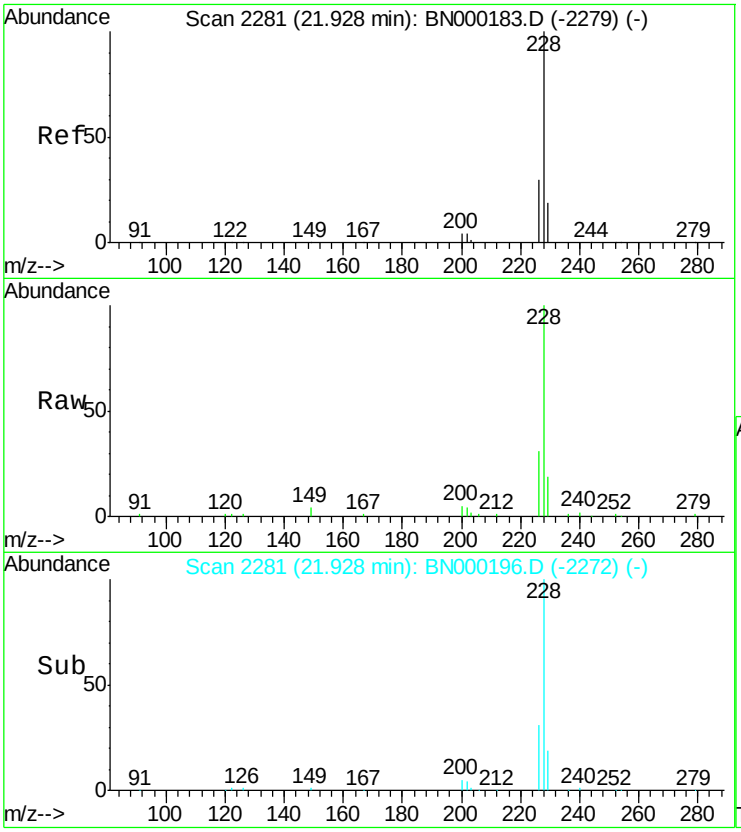


#30
Benzo(a)anthracene
Concen: 0.374 ng
RT: 21.87 min Scan# 2276
Delta R.T. -0.00 min
Lab File: BN000196.D
Acq: 27 Feb 2018 18:13

Tgt Ion:228 Resp: 21928

Ion	Ratio	Lower	Upper
228	100		
226	27.3	24.0	36.0
229	19.6	16.0	24.0



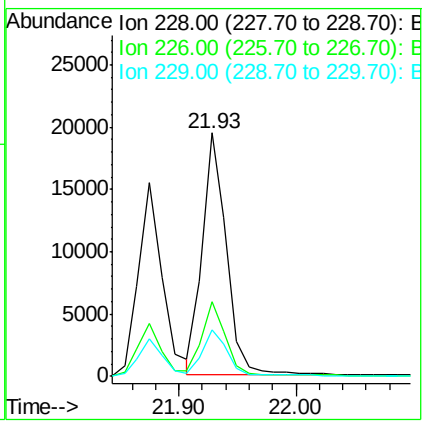


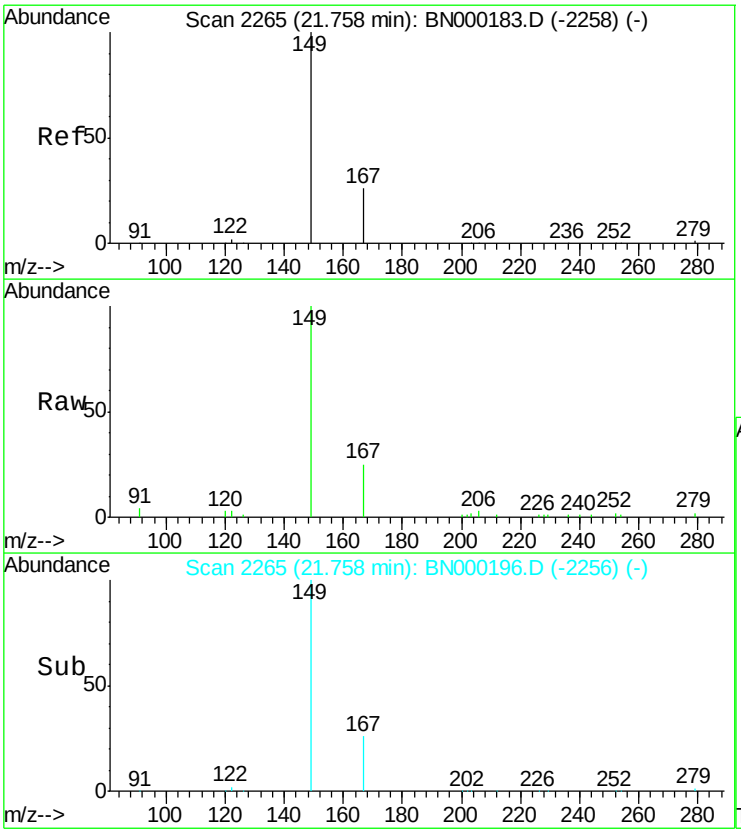
#31
Chrysene
Concen: 0.404 ng
RT: 21.93 min Scan# 2281
Delta R.T. -0.00 min
Lab File: BN000196.D
Acq: 27 Feb 2018 18:13

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:228 Resp: 27666

Ion	Ratio	Lower	Upper
228	100		
226	30.8	24.0	36.0
229	19.2	16.0	24.0

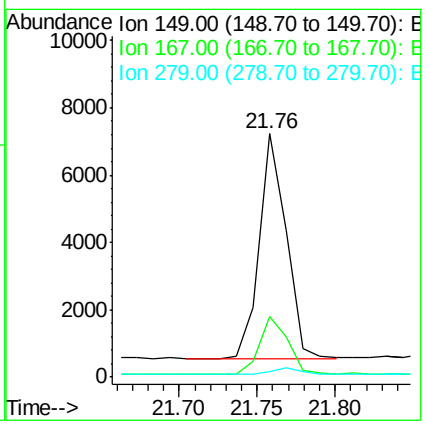


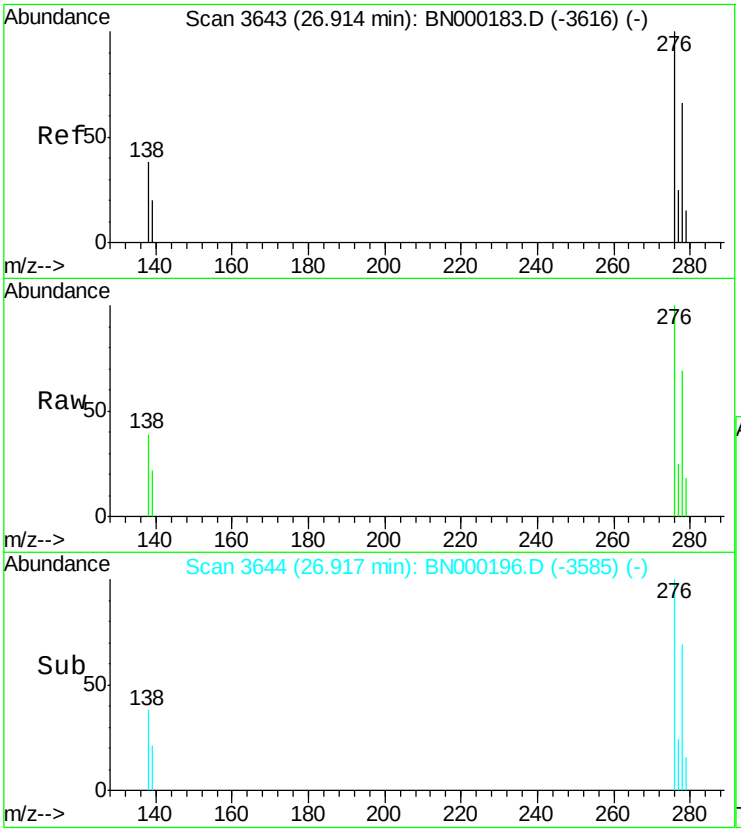


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.366 ng
RT: 21.76 min Scan# 2265
Delta R.T. -0.00 min
Lab File: BN000196.D
Acq: 27 Feb 2018 18:13

Tgt Ion:149 Resp: 7992

Ion	Ratio	Lower	Upper
149	100		
167	26.2	20.0	30.0
279	2.4	1.6	2.4



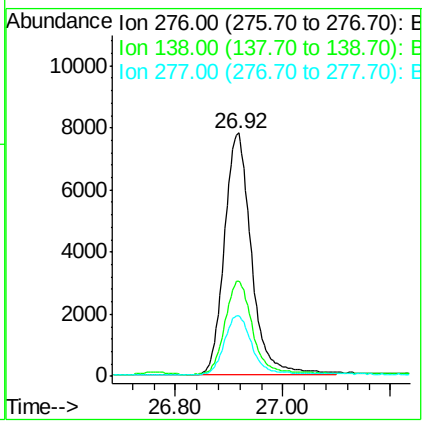


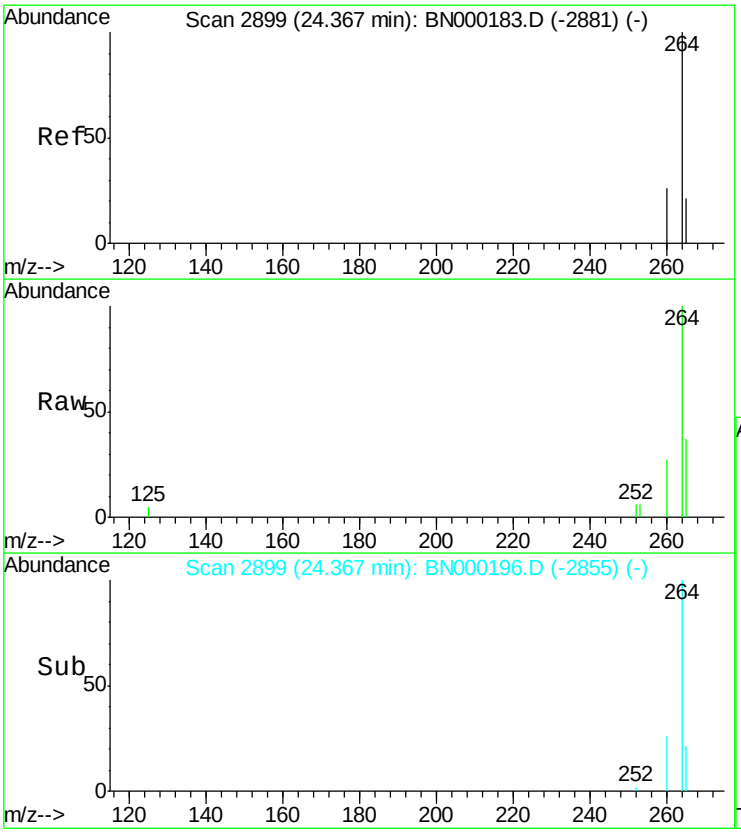
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.426 ng
RT: 26.92 min Scan# 3644
Delta R.T. 0.00 min
Lab File: BN000196.D
Acq: 27 Feb 2018 18:13

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:276 Resp: 27280

Ion	Ratio	Lower	Upper
276	100		
138	39.0	22.5	33.7#
277	24.6	19.9	29.9

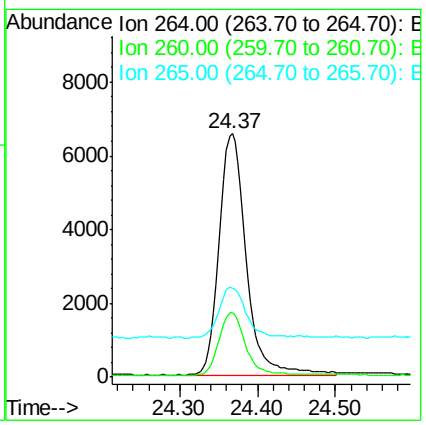


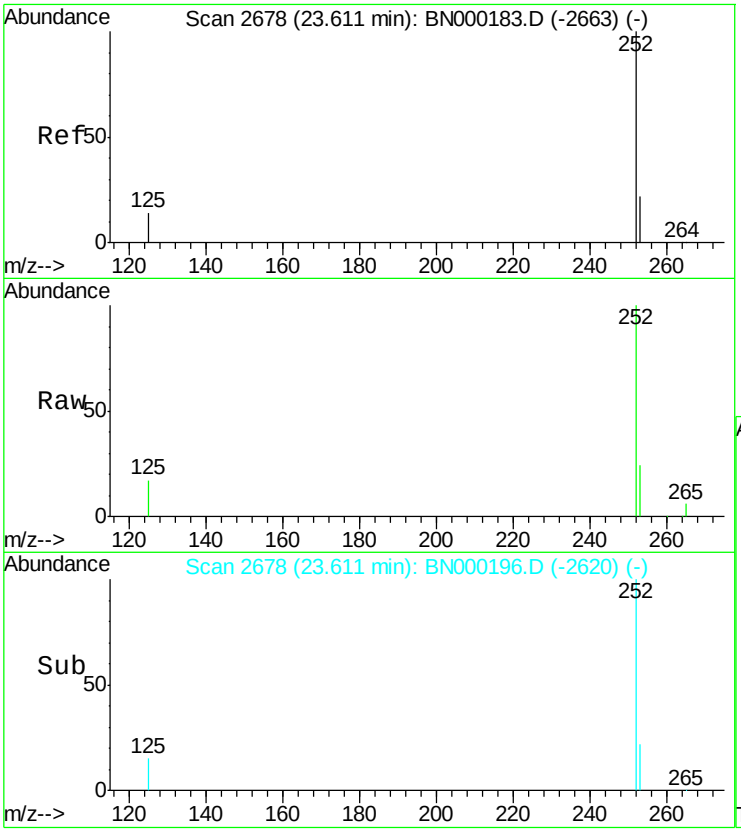


#34
Perylene-d12
Concen: 0.400 ng
RT: 24.37 min Scan# 2899
Delta R.T. -0.00 min
Lab File: BN000196.D
Acq: 27 Feb 2018 18:13

Tgt Ion:264 Resp: 15781

Ion	Ratio	Lower	Upper
264	100		
260	26.6	20.5	30.7
265	36.7	22.8	34.2#



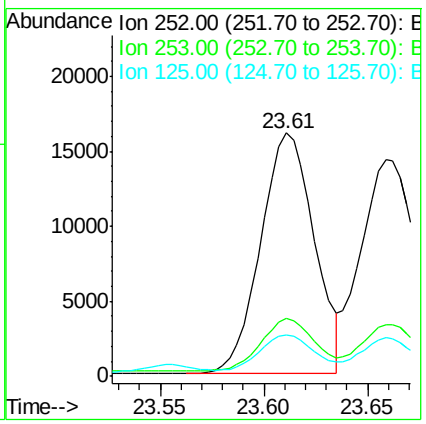


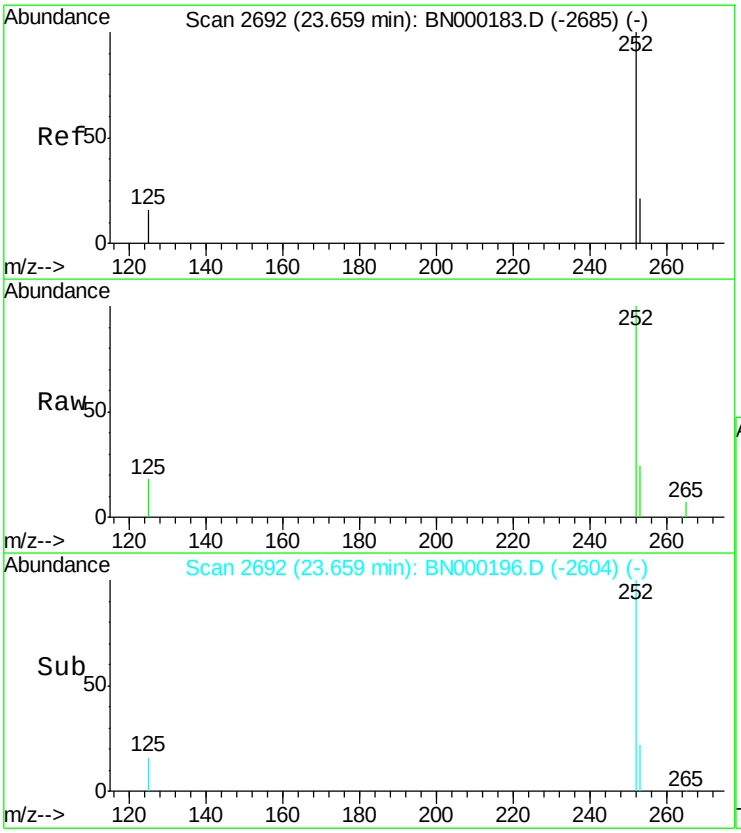
#35
Benzo(b)fluoranthene
Concen: 0.397 ng
RT: 23.61 min Scan# 2678
Delta R.T. -0.00 min
Lab File: BN000196.D
Acq: 27 Feb 2018 18:13

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:252 Resp: 28608

Ion	Ratio	Lower	Upper
252	100		
253	23.8	20.0	30.0
125	17.2	16.0	24.0

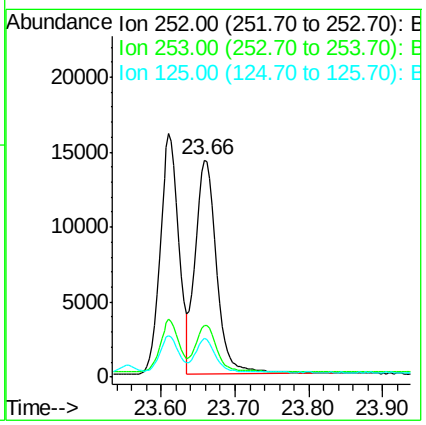


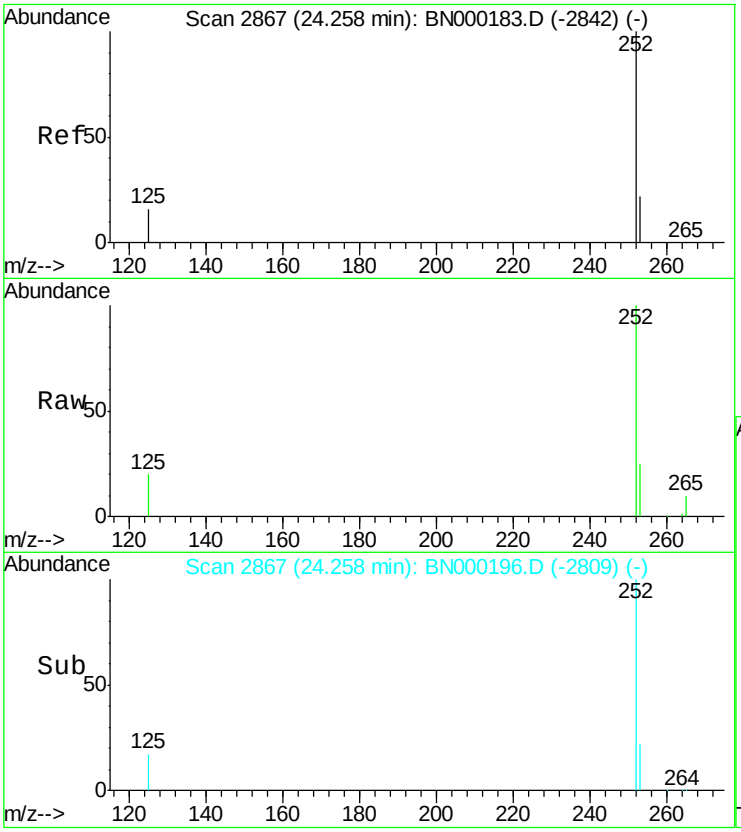


#36
Benzo(k)fluoranthene
Concen: 0.402 ng
RT: 23.66 min Scan# 2692
Delta R.T. -0.00 min
Lab File: BN000196.D
Acq: 27 Feb 2018 18:13

Tgt Ion:252 Resp: 28306

Ion	Ratio	Lower	Upper
252	100		
253	23.8	16.0	24.0
125	17.7	8.0	12.0#



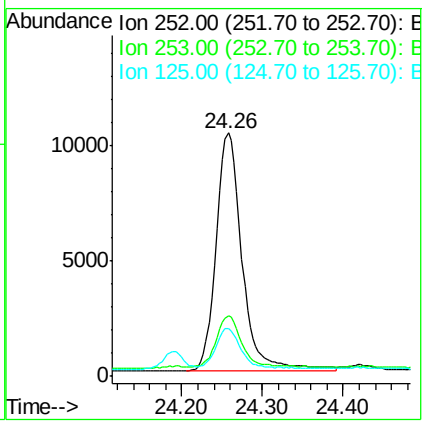


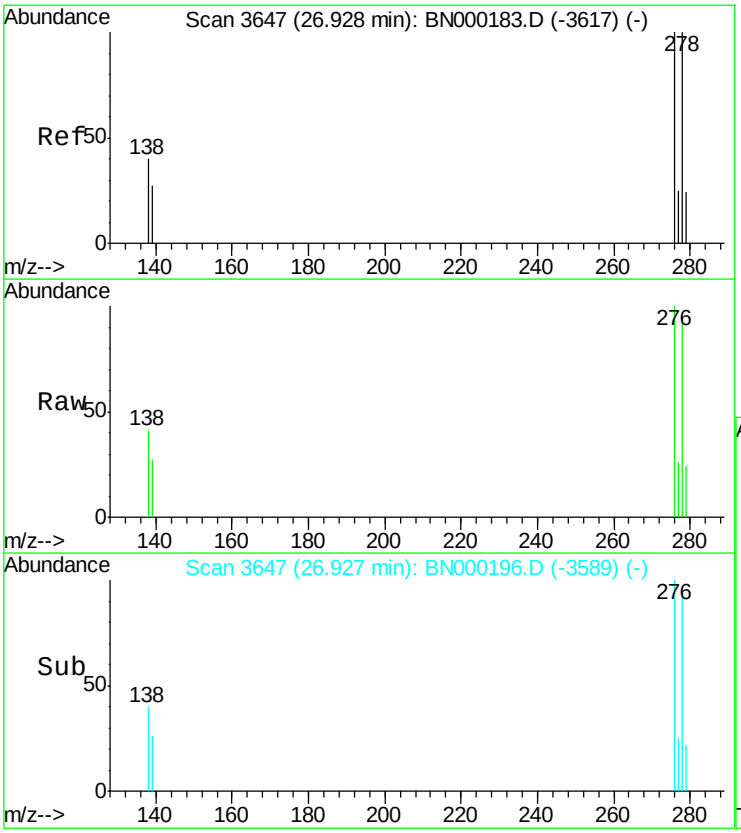
#37
Benzo(a)pyrene
Concen: 0.394 ng
RT: 24.26 min Scan# 2867
Delta R.T. -0.00 min
Lab File: BN000196.D
Acq: 27 Feb 2018 18:13

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:252 Resp: 23115

Ion	Ratio	Lower	Upper
252	100		
253	25.0	16.0	24.0#
125	19.9	12.0	18.0#

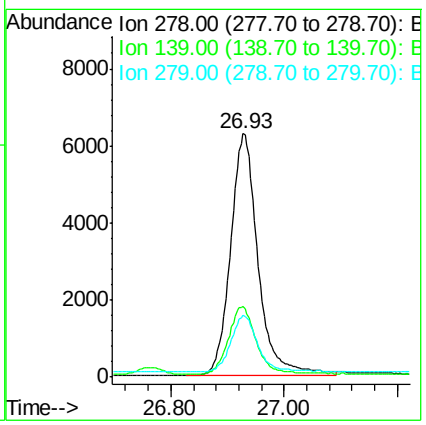


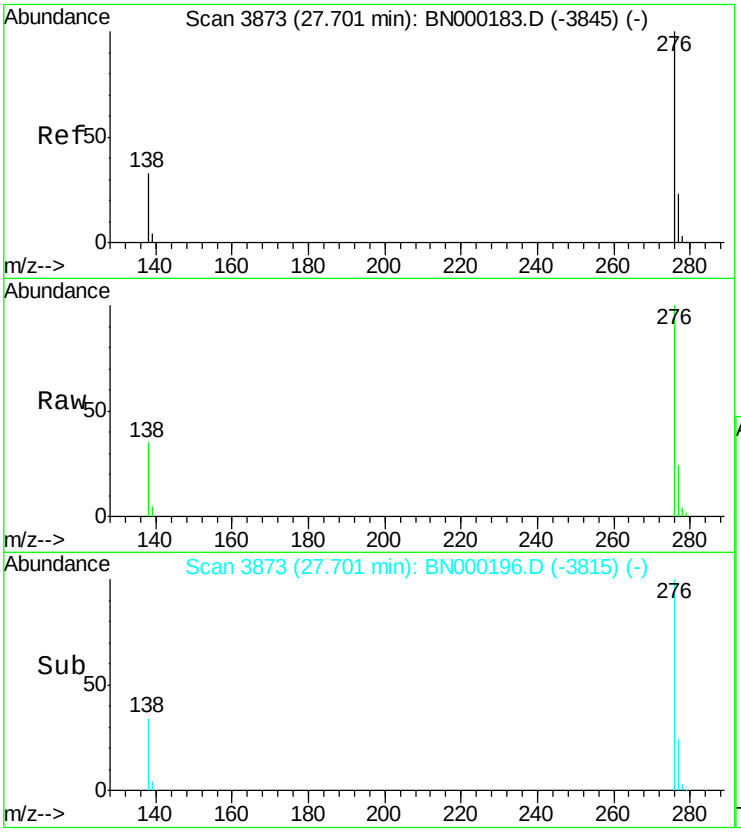


#38
Dibenzo(a,h)anthracene
Concen: 0.405 ng
RT: 26.93 min Scan# 3647
Delta R.T. -0.00 min
Lab File: BN000196.D
Acq: 27 Feb 2018 18:13

Tgt Ion:278 Resp: 21185

Ion	Ratio	Lower	Upper
278	100		
139	29.2	16.0	24.0#
279	25.4	20.0	30.0





#39
Benzo(g,h,i)perylene
Concen: 0.399 ng
RT: 27.70 min Scan# 3873
Delta R.T. -0.00 min
Lab File: BN000196.D
Acq: 27 Feb 2018 18:13

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:276 Resp: 24624

Ion	Ratio	Lower	Upper
276	100		
277	24.3	16.0	24.0#
138	34.5	20.0	30.0#