Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN073018\
Data File : BN002194.D
Acq On : 30 Jul 2018 20:11
Operator : JU/SJ
Sample : J3762-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId :

Quant Time: Jul 31 01:25:36 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	7.70	152	3370	0.40	ng		0.00
7) Naphthalene-d8	10.47	136	13586	0.40	ng		0.00
13) Acenaphthene-d10	14.32	164	7285	0.40	ng		0.00
19) Phenanthrene-d10	17.08	188	14988	0.40	ng		0.01
27) Chrysene-d12	21.27	240	11186	0.40	ng		0.00
34) Perylene-d12	23.50	264	10575	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.32	112	2707	0.34	ng		0.00
5) Phenol-d6	6.88	99	2962	0.31	ng		0.00
8) Nitrobenzene-d5	8.86	82	3455	0.34	ng		0.01
11) 2-Methylnaphthalene-d10	12.06	152	7423	0.37	ng		0.00
14) 2,4,6-Tribromophenol	15.84	330	788	0.25	ng		0.01
15) 2-Fluorobiphenyl	12.95	172	10539	0.38	ng		0.01
25) Fluoranthene-d10	19.11	212	13174	0.36	ng		0.00
29) Terphenyl-d14	19.71	244	8612	0.36	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.29	88	411	0.108	ng		84
3) n-Nitrosodimethylamine	3.60	42	16	0.120	ng	#	5
6) bis(2-Chloroethyl)ether	7.14	93	819	0.089	ng		98
9) Naphthalene	10.52	128	2846	0.093	ng	#	90
10) Hexachlorobutadiene	10.80	225	624	0.094	ng	#	54
12) 2-Methylnaphthalene	12.14	142	1840	0.089	ng		98
16) Acenaphthylene	14.04	152	2641	0.085	ng		99
17) Acenaphthene	14.39	154	1826	0.091	ng		97
18) Fluorene	15.38	166	2155	0.088	ng	#	79
20) 4-Bromophenyl-phenylether	16.27	248	715	0.084	ng	#	76
21) Hexachlorobenzene	16.39	284	913	0.097	ng		96
22) Pentachlorophenol	16.77	266	95	0.134	ng	#	74
23) Phenanthrene	17.11	178	3312	0.089	ng		97
24) Anthracene	17.22	178	2356	0.076	ng		97
26) Fluoranthene	19.14	202	3285	0.081	ng		97
28) Pyrene	19.50	202	3311	0.100	ng		99
30) Benzo(a)anthracene	21.26	228	2659	0.094	ng		97
31) Chrysene	21.31	228	2902	0.092	ng		96
32) Bis(2-ethylhexyl)phthalate	21.18	149	1145	0.089	ng	#	95
33) Indeno(1,2,3-cd)pyrene	25.74	276	3135	0.106	ng	#	93
35) Benzo(b)fluoranthene	22.84	252	2745	0.088	ng	#	92
36) Benzo(k)fluoranthene	22.88	252	2975	0.092	ng	#	78
37) Benzo(a)pyrene	23.41	252	2562	0.091	ng	#	73
38) Dibenzo(a,h)anthracene	25.75	278	2563	0.093	ng	#	89
39) Benzo(g,h,i)perylene	26.41	276	2730	0.097	ng	#	91

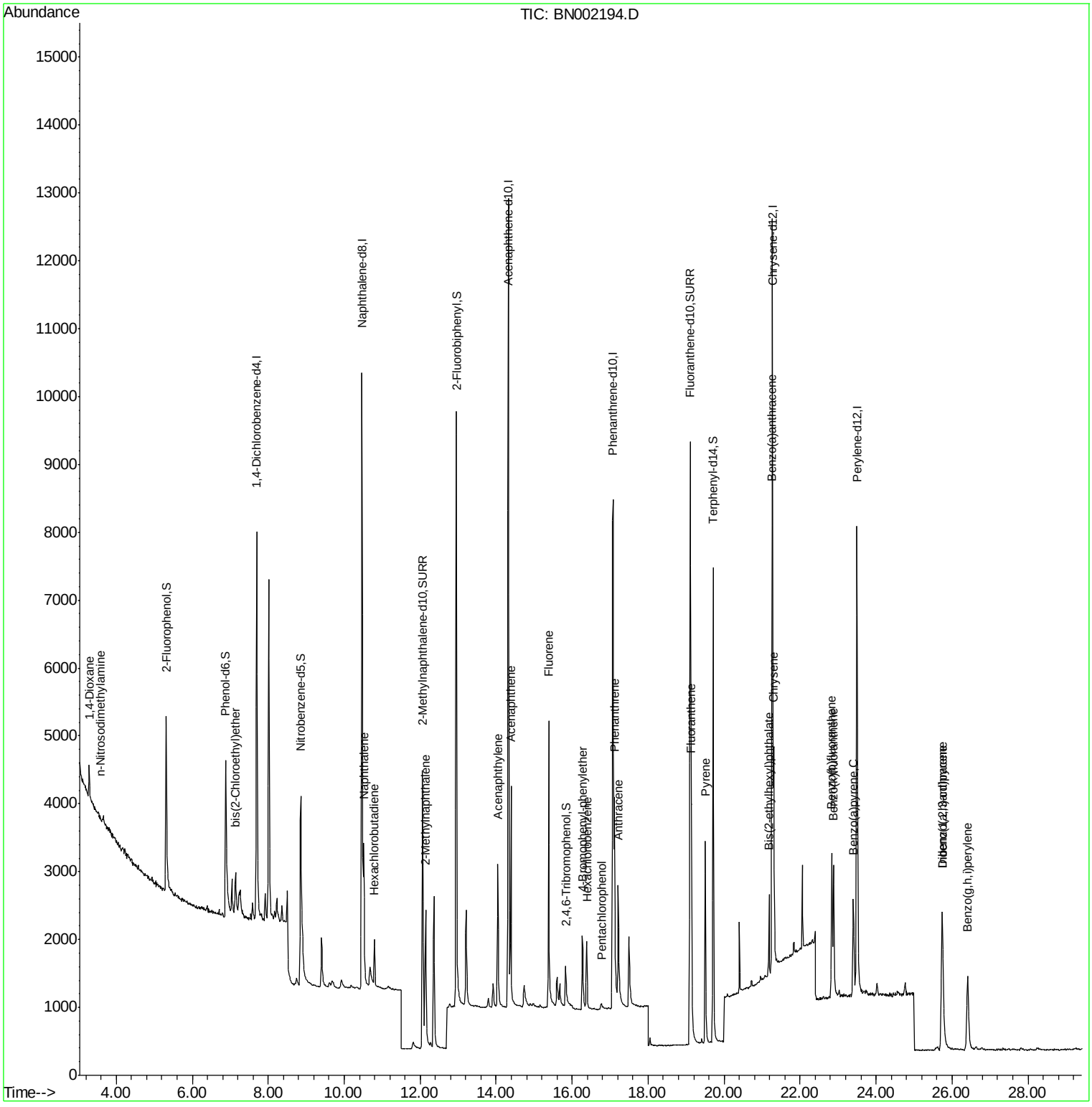
(#) = qualifier out of range (m) = manual integration (+) = signals summed

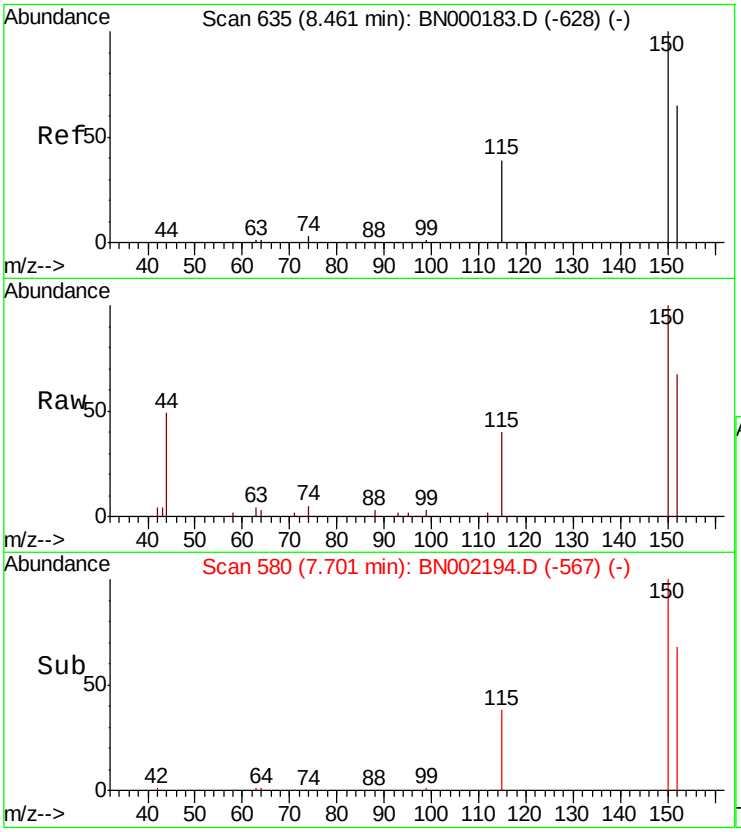
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN073018\
Data File : BN002194.D
Acq On : 30 Jul 2018 20:11
Operator : JU/SJ
Sample : J3762-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Jul 31 01:25:36 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



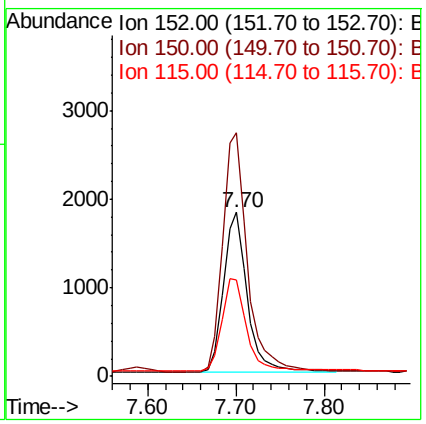


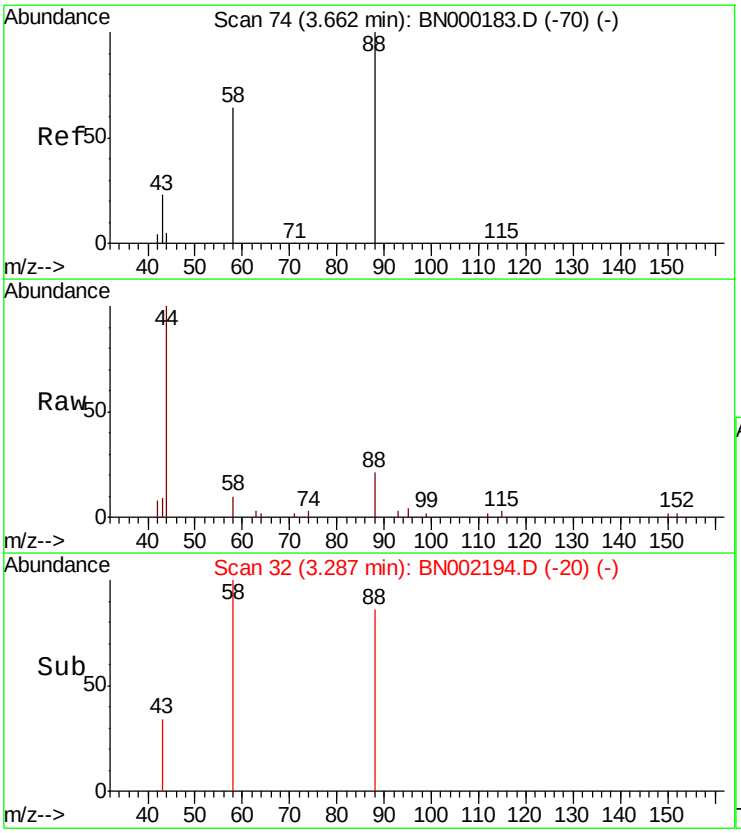
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.70 min Scan# 580
Delta R.T. 0.01 min
Lab File: BN002194.D
Acq: 30 Jul 2018 20:11

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 3370

Ion	Ratio	Lower	Upper
152	100		
150	148.4	117.2	175.8
115	58.7	57.0	85.6

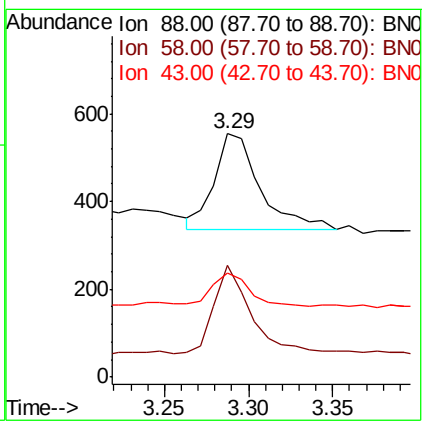


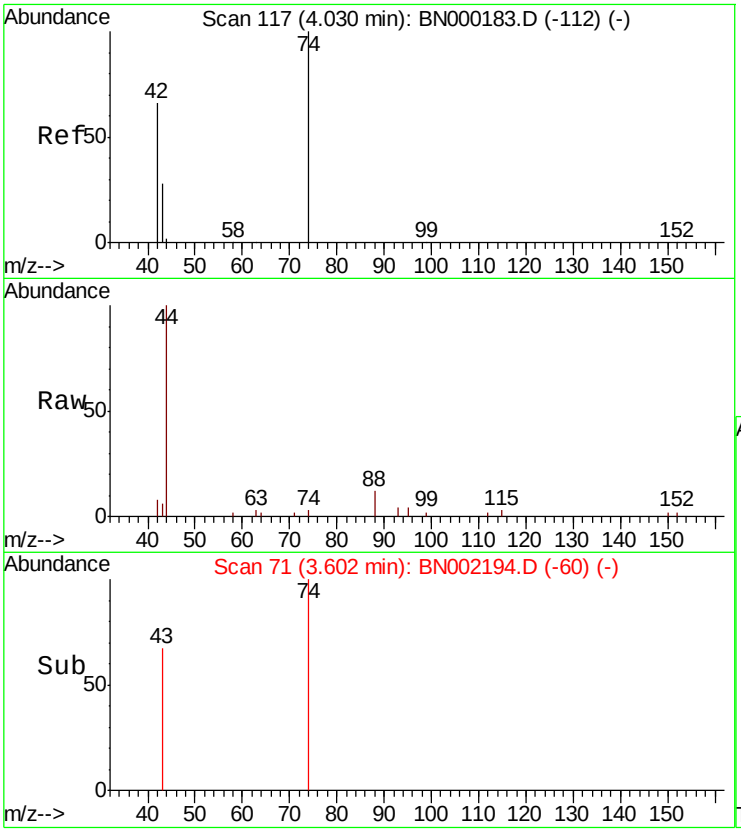


#2
1,4-Dioxane
Concen: 0.108 ng
RT: 3.29 min Scan# 32
Delta R.T. -0.00 min
Lab File: BN002194.D
Acq: 30 Jul 2018 20:11

Tgt Ion: 88 Resp: 411

Ion	Ratio	Lower	Upper
88	100		
58	73.2	72.0	108.0
43	29.2	28.0	42.0



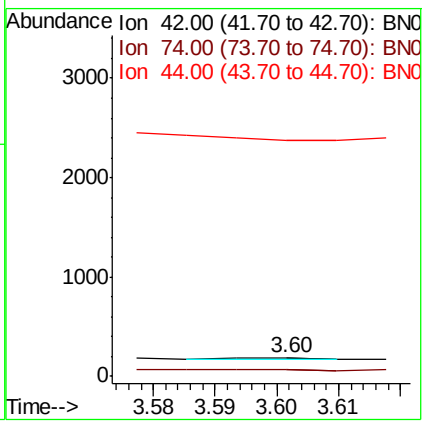


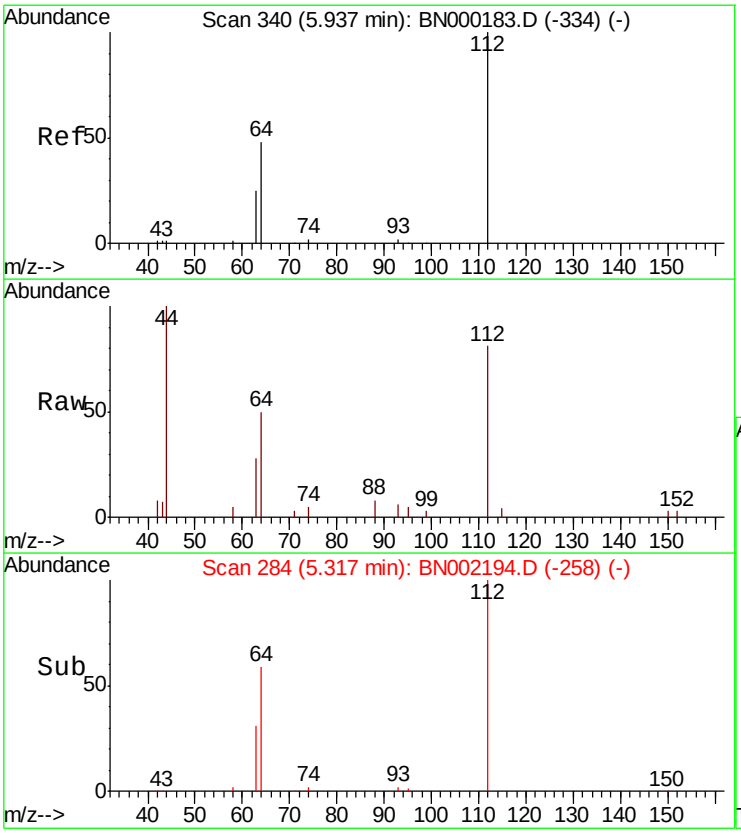
#3
n-Nitrosodimethylamine
Concen: 0.120 ng
RT: 3.60 min Scan# 71
Delta R.T. -0.01 min
Lab File: BN002194.D
Acq: 30 Jul 2018 20:11

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 42 Resp: 16

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

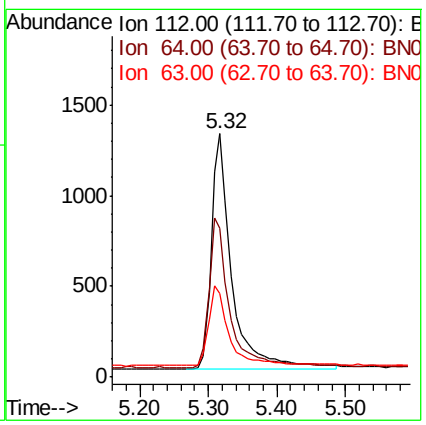


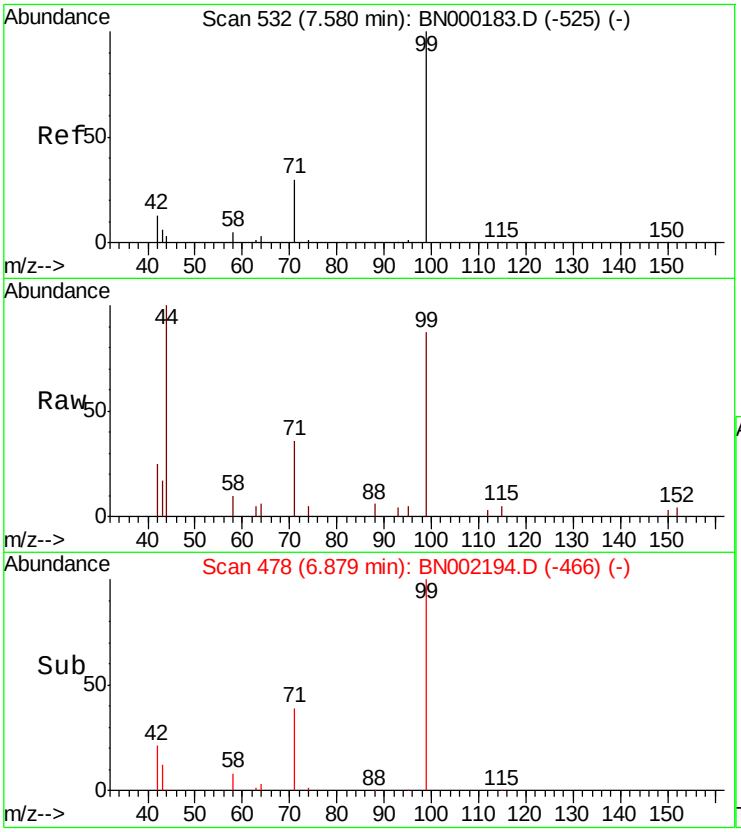


#4
2-Fluorophenol
Concen: 0.344 ng
RT: 5.32 min Scan# 284
Delta R.T. 0.01 min
Lab File: BN002194.D
Acq: 30 Jul 2018 20:11

Tgt Ion:112 Resp: 2707

Ion	Ratio	Lower	Upper
112	100		
64	64.7	60.1	90.1
63	34.4	116.8	175.2#



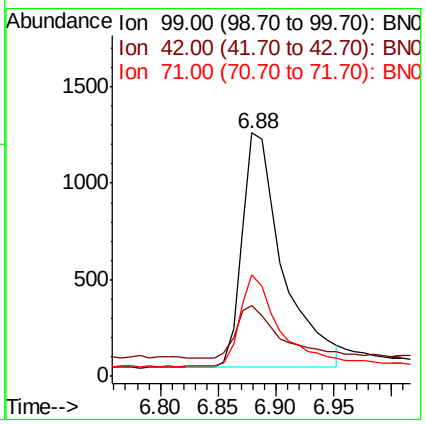


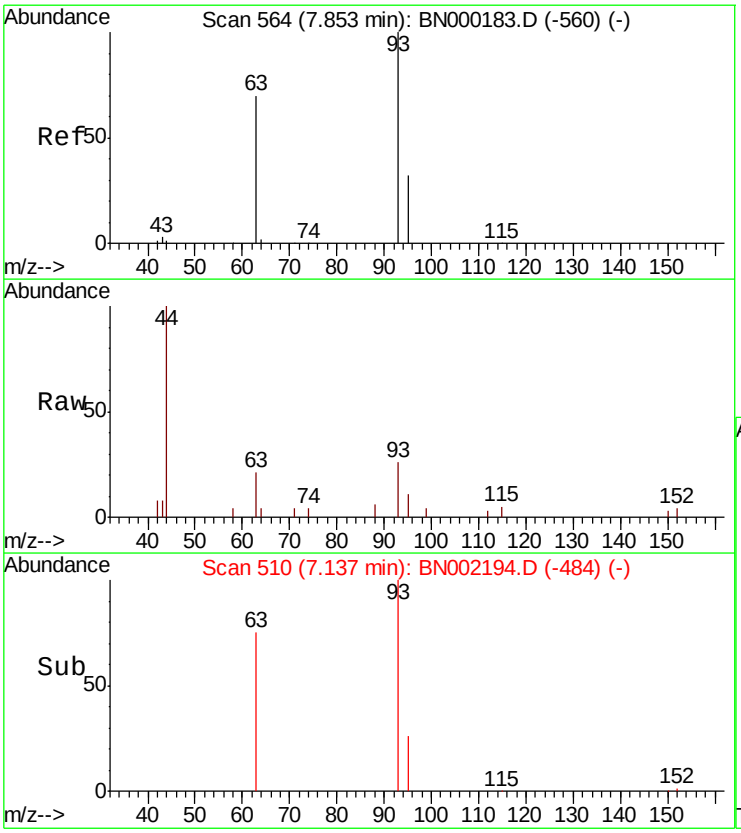
#5
Phenol-d6
Concen: 0.310 ng
RT: 6.88 min Scan# 478
Delta R.T. -0.00 min
Lab File: BN002194.D
Acq: 30 Jul 2018 20:11

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 99 Resp: 2962

Ion	Ratio	Lower	Upper
99	100		
42	24.1	20.2	30.2
71	37.1	28.4	42.6

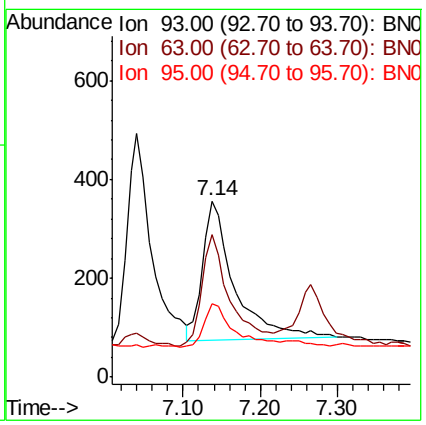


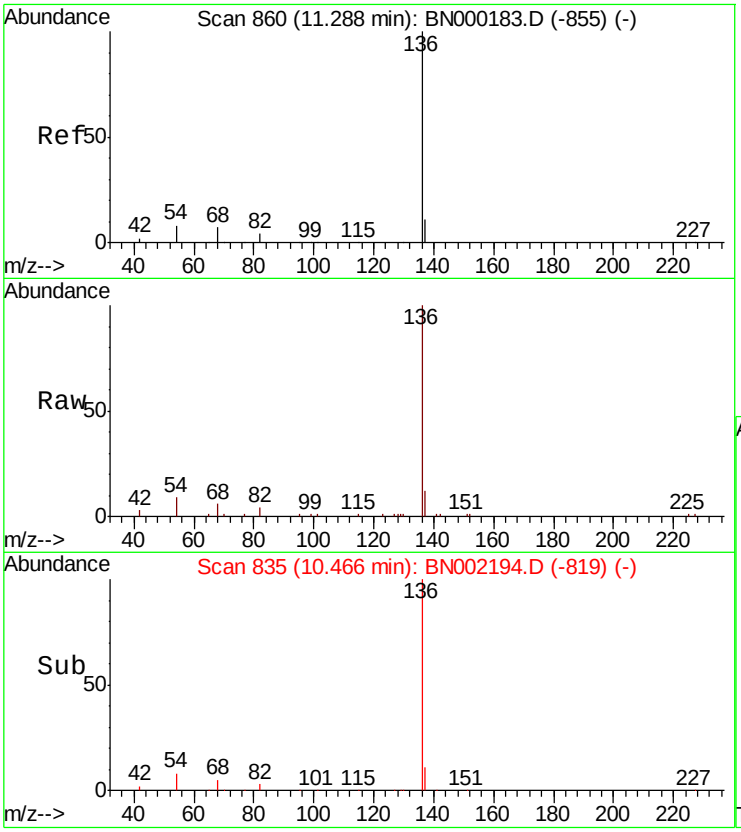


#6
bis(2-Chloroethyl)ether
Concen: 0.089 ng
RT: 7.14 min Scan# 510
Delta R.T. 0.01 min
Lab File: BN002194.D
Acq: 30 Jul 2018 20:11

Tgt Ion: 93 Resp: 819

Ion	Ratio	Lower	Upper
93	100		
63	70.9	56.0	84.0
95	29.7	25.2	37.8



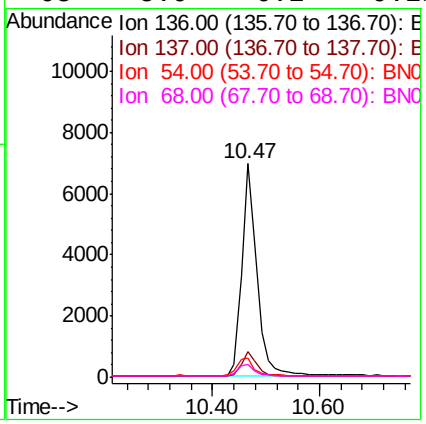


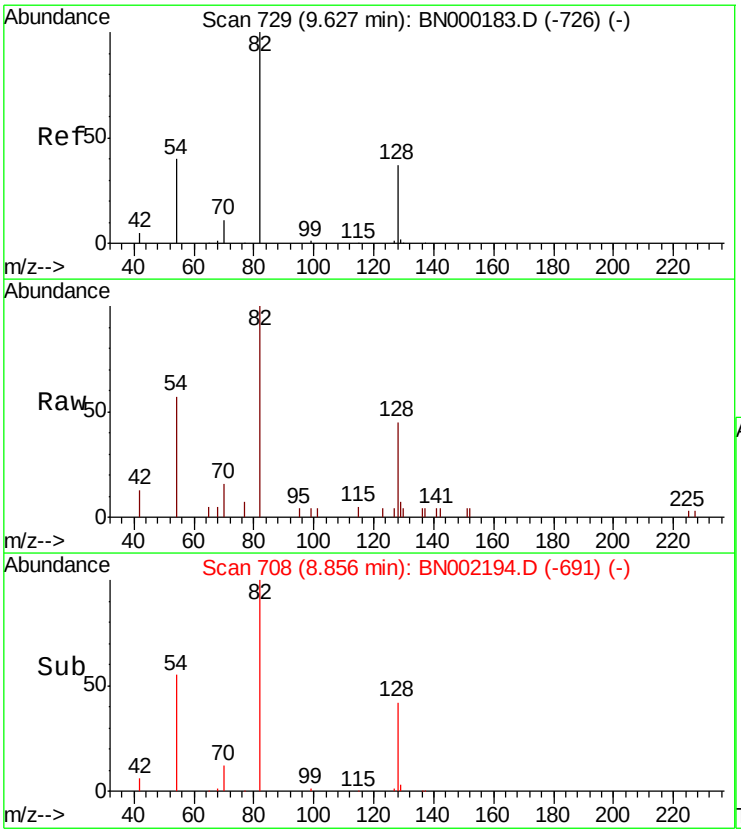
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.47 min Scan# 835
Delta R.T. -0.00 min
Lab File: BN002194.D
Acq: 30 Jul 2018 20:11

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:136 Resp: 13586

Ion	Ratio	Lower	Upper
136	100		
137	11.8	9.5	14.3
54	9.0	29.1	43.7#
68	5.9	6.2	9.2#

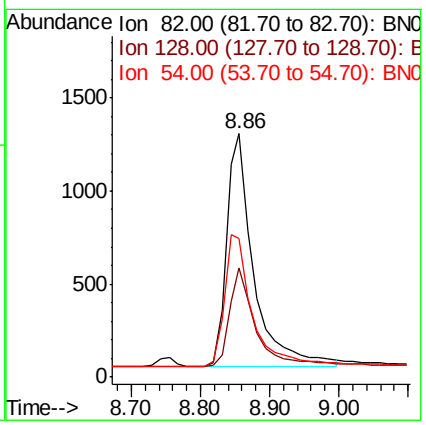


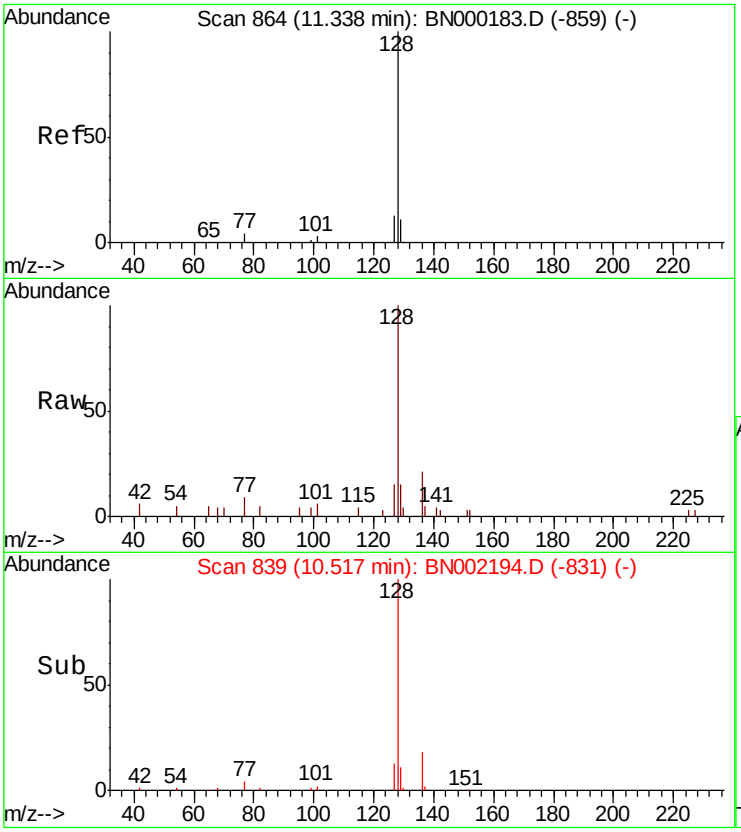


#8
Nitrobenzene-d5
Concen: 0.338 ng
RT: 8.86 min Scan# 708
Delta R.T. 0.01 min
Lab File: BN002194.D
Acq: 30 Jul 2018 20:11

Tgt Ion: 82 Resp: 3455

Ion	Ratio	Lower	Upper
82	100		
128	44.9	150.0	225.0#
54	56.7	154.2	231.4#



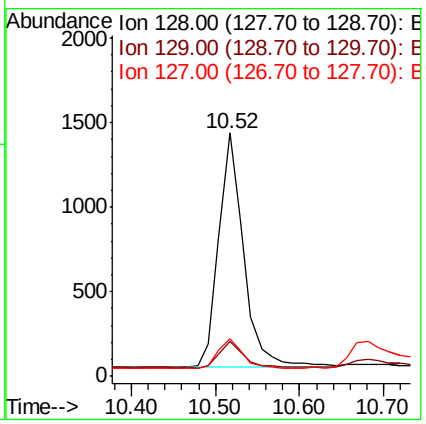


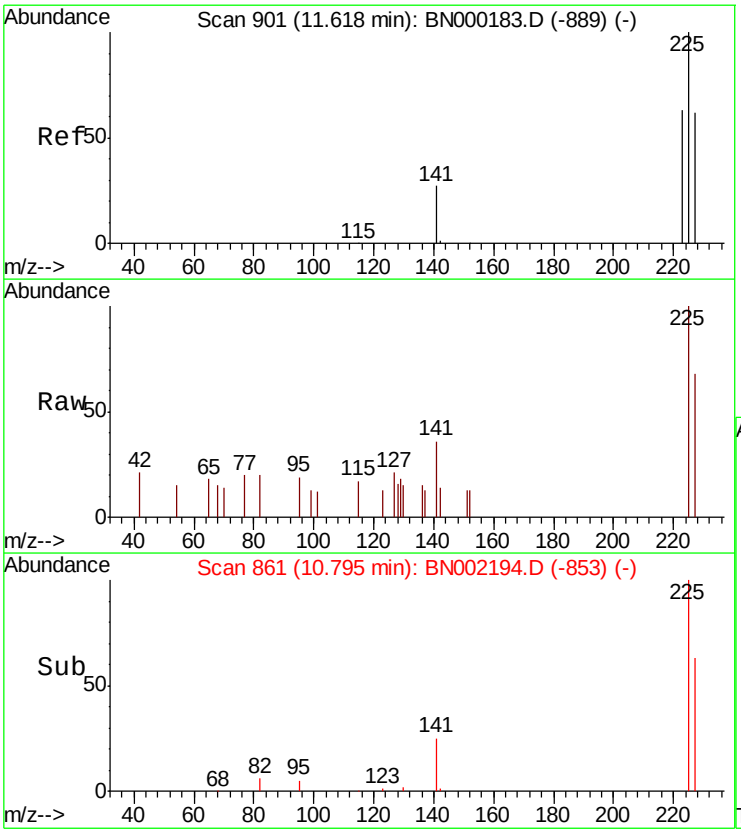
#9
Naphthalene
Concen: 0.093 ng
RT: 10.52 min Scan# 839
Delta R.T. -0.00 min
Lab File: BN002194.D
Acq: 30 Jul 2018 20:11

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:128 Resp: 2846

Ion	Ratio	Lower	Upper
128	100		
129	14.6	8.0	12.0#
127	15.4	9.6	14.4#

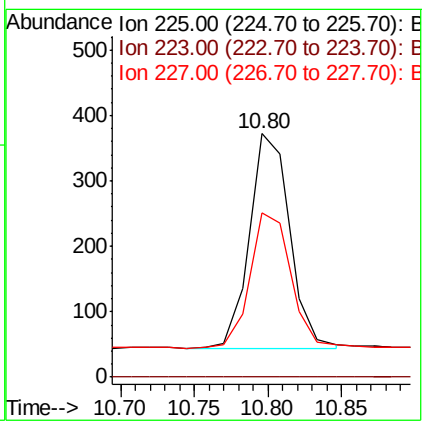


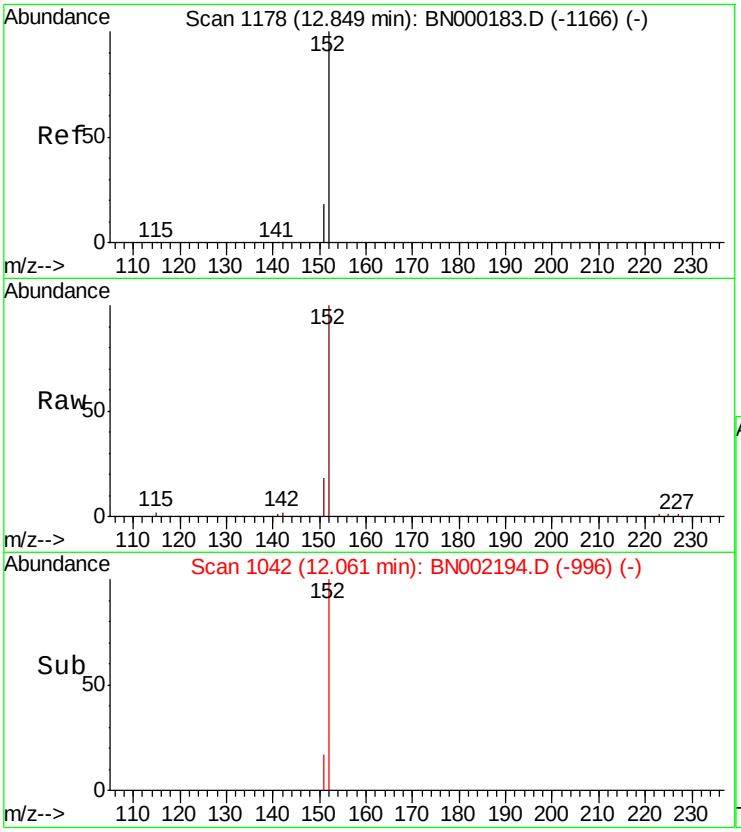


#10
Hexachlorobutadiene
Concen: 0.094 ng
RT: 10.80 min Scan# 861
Delta R.T. -0.00 min
Lab File: BN002194.D
Acq: 30 Jul 2018 20:11

Tgt Ion:225 Resp: 624

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



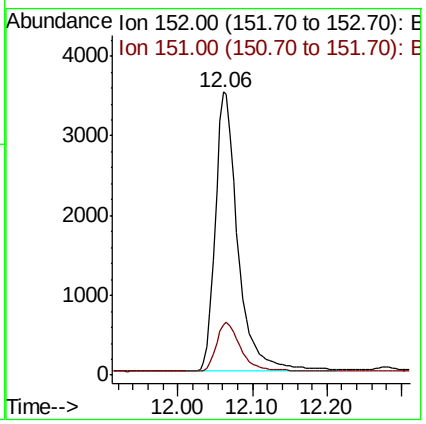


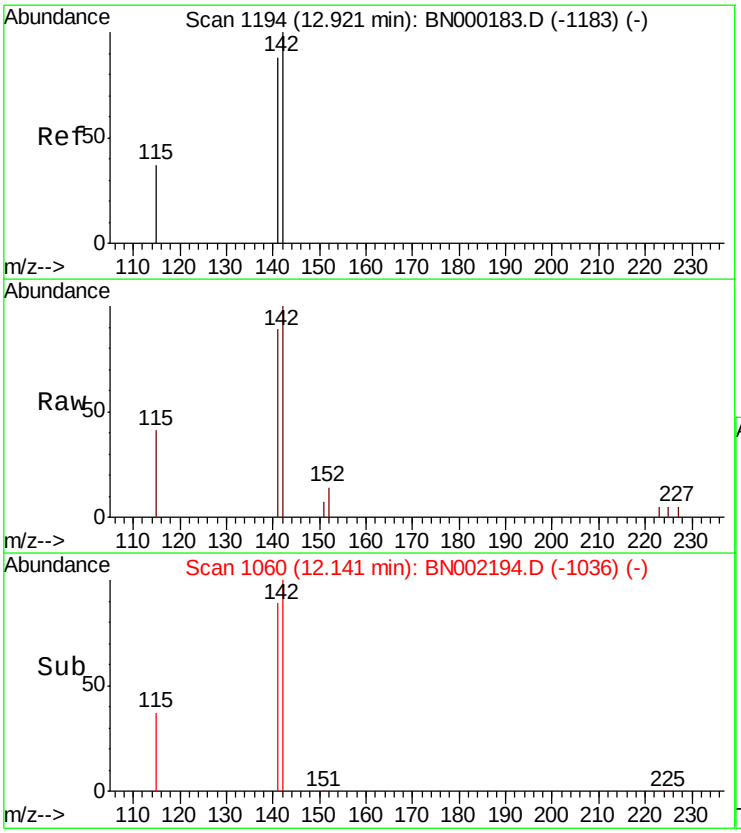
#11
2-Methylnaphthalene-d10
Concen: 0.371 ng
RT: 12.06 min Scan# 1042
Delta R.T. 0.00 min
Lab File: BN002194.D
Acq: 30 Jul 2018 20:11

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 7423

Ion	Ratio	Lower	Upper
152	100		
151	18.8	15.4	23.0

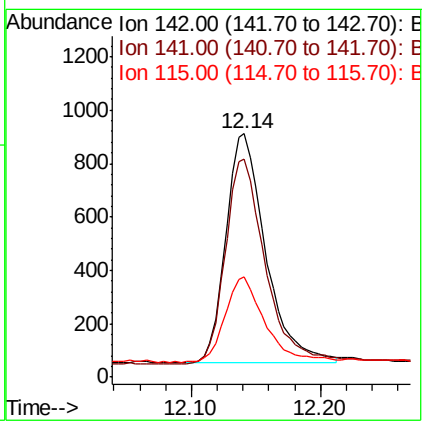


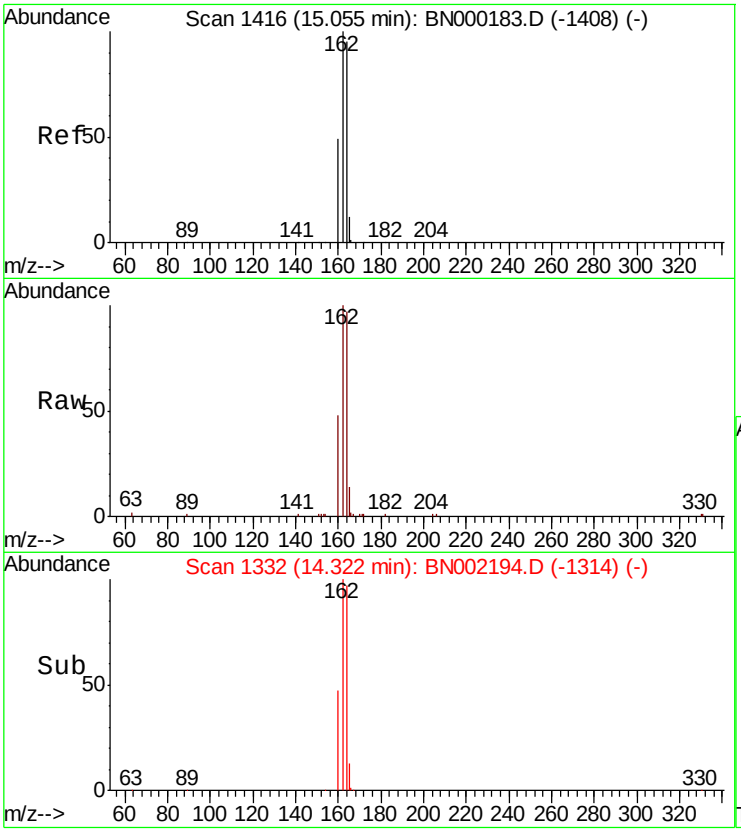


#12
2-Methylnaphthalene
Concen: 0.089 ng
RT: 12.14 min Scan# 1060
Delta R.T. 0.01 min
Lab File: BN002194.D
Acq: 30 Jul 2018 20:11

Tgt Ion:142 Resp: 1840

Ion	Ratio	Lower	Upper
142	100		
141	89.5	70.4	105.6
115	41.3	31.7	47.5



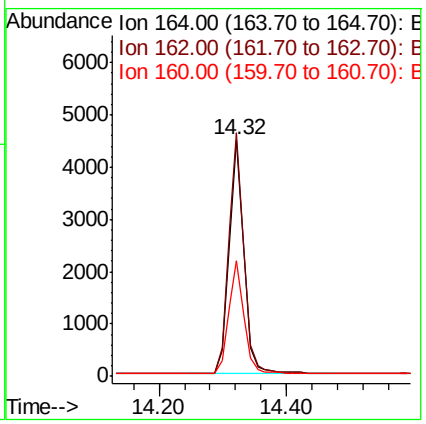


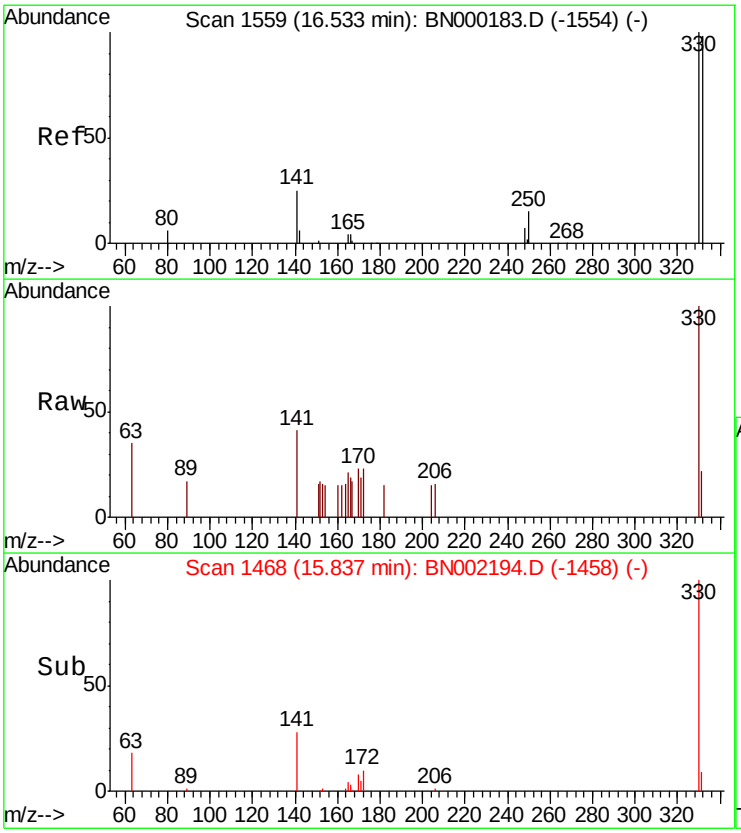
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.32 min Scan# 1332
Delta R.T. -0.00 min
Lab File: BN002194.D
Acq: 30 Jul 2018 20:11

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:164 Resp: 7285

Ion	Ratio	Lower	Upper
164	100		
162	103.1	83.1	124.7
160	49.2	37.1	55.7

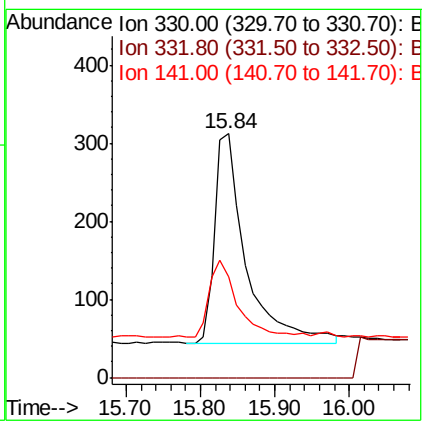


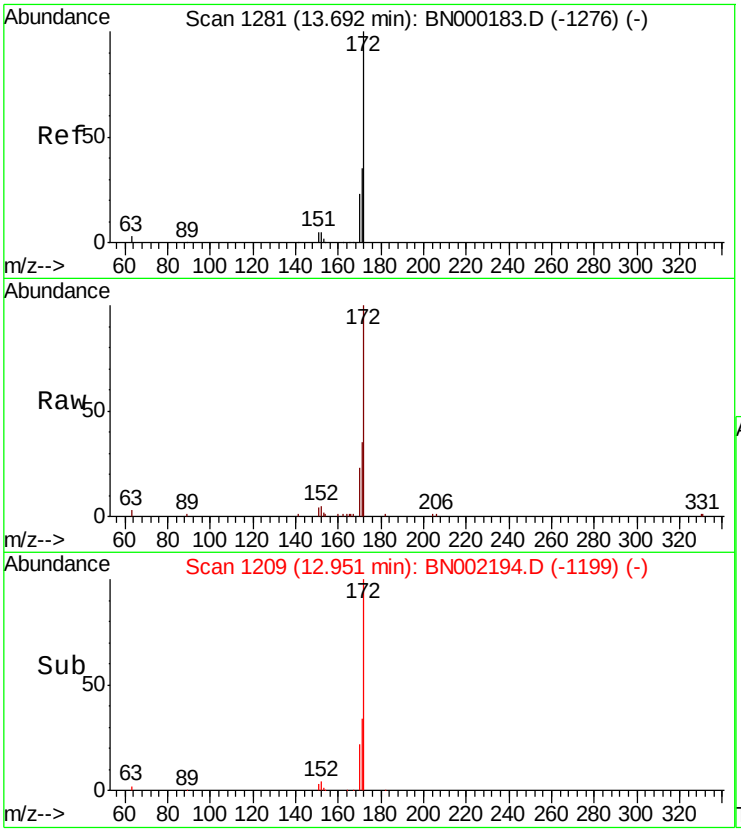


#14
2,4,6-Tribromophenol
Concen: 0.253 ng
RT: 15.84 min Scan# 1468
Delta R.T. 0.01 min
Lab File: BN002194.D
Acq: 30 Jul 2018 20:11

Tgt Ion:330 Resp: 788

Ion	Ratio	Lower	Upper
330	100		
332	0.0	152.7	229.1#
141	34.3	33.7	50.5



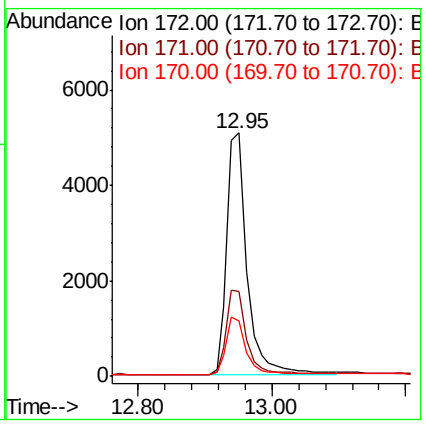


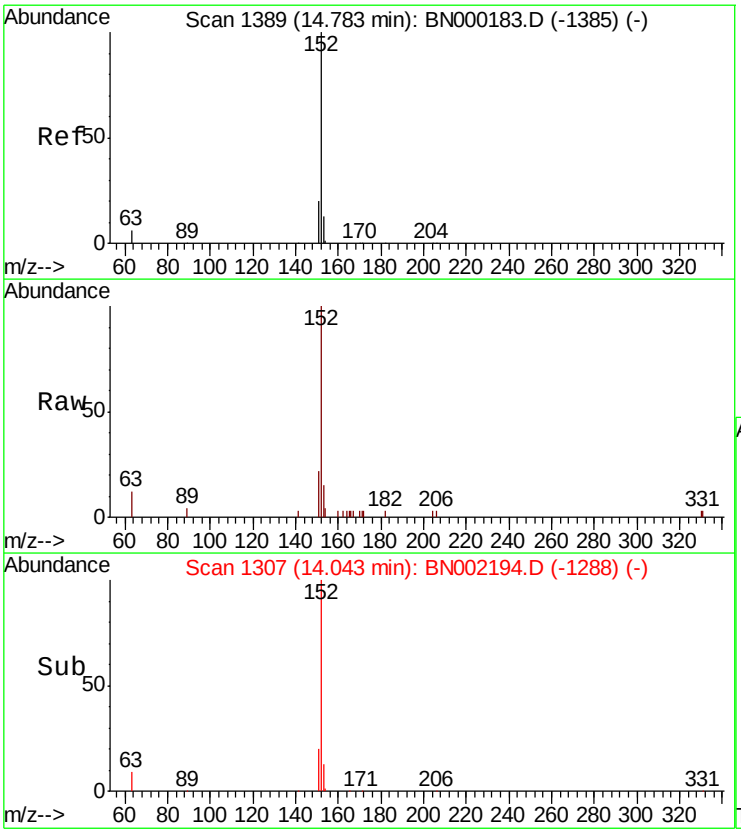
#15
2-Fluorobiphenyl
Concen: 0.377 ng
RT: 12.95 min Scan# 1209
Delta R.T. 0.01 min
Lab File: BN002194.D
Acq: 30 Jul 2018 20:11

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:172 Resp: 10539

Ion	Ratio	Lower	Upper
172	100		
171	34.8	29.9	44.9
170	22.5	21.8	32.8

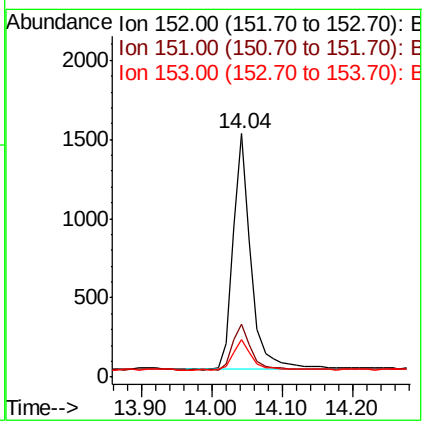


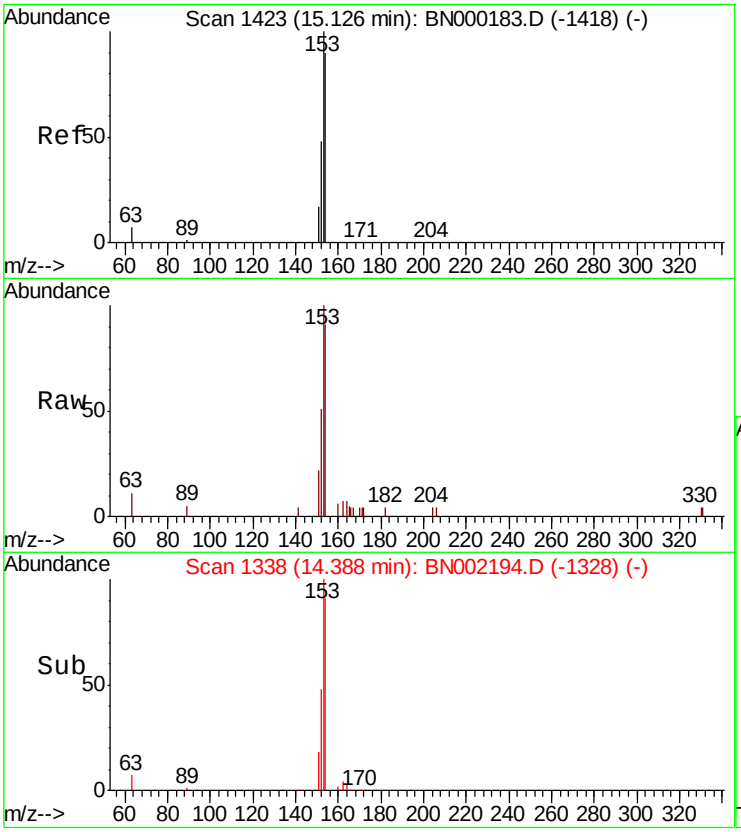


#16
Acenaphthylene
Concen: 0.085 ng
RT: 14.04 min Scan# 1307
Delta R.T. 0.01 min
Lab File: BN002194.D
Acq: 30 Jul 2018 20:11

Tgt Ion:152 Resp: 2641

Ion	Ratio	Lower	Upper
152	100		
151	20.1	15.7	23.5
153	13.2	10.5	15.7



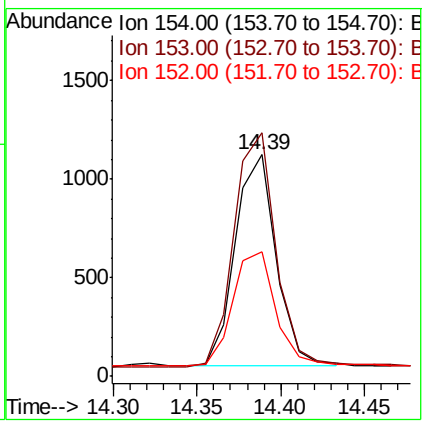


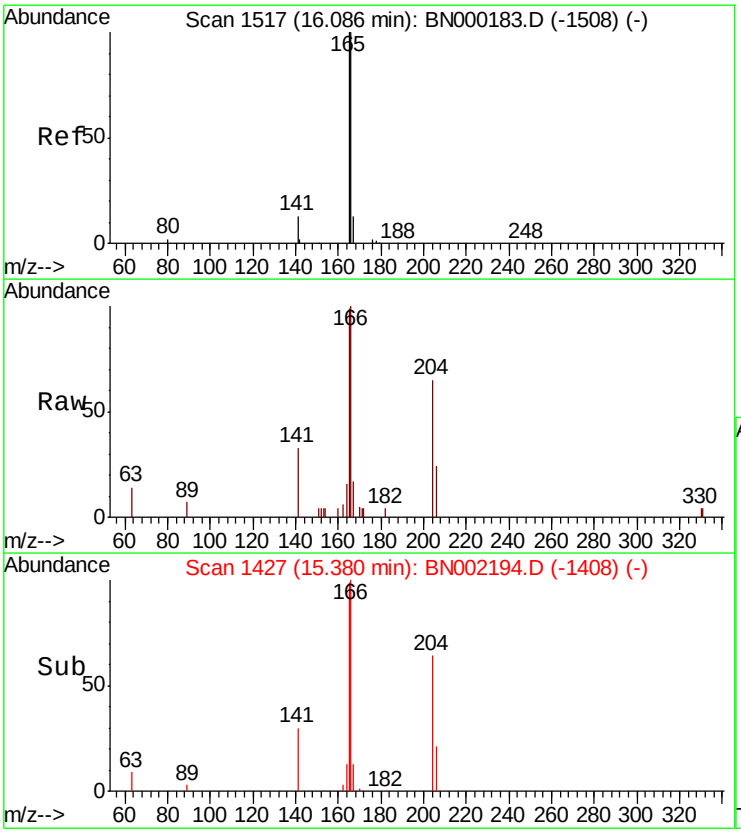
#17
Acenaphthene
Concen: 0.091 ng
RT: 14.39 min Scan# 1338
Delta R.T. 0.01 min
Lab File: BN002194.D
Acq: 30 Jul 2018 20:11

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:154 Resp: 1826

Ion	Ratio	Lower	Upper
154	100		
153	113.0	89.2	133.8
152	56.4	42.0	63.0

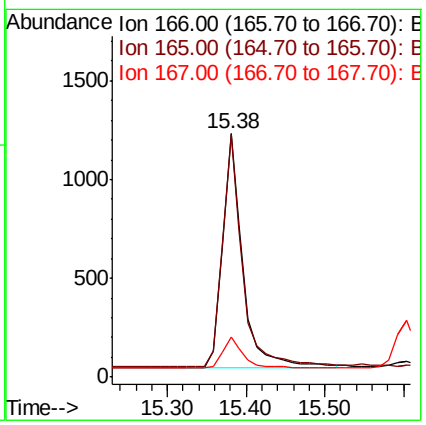


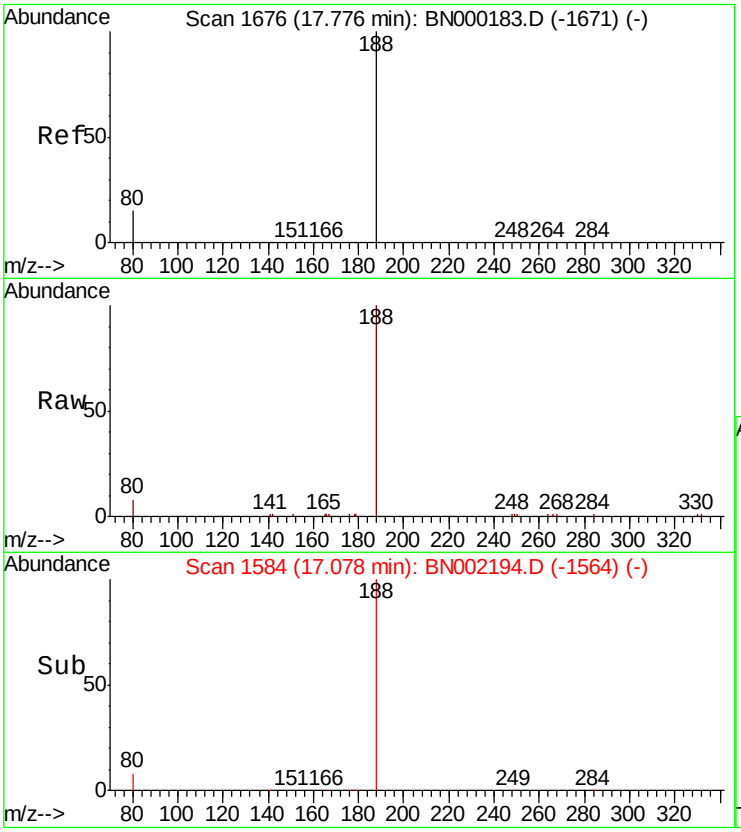


#18
Fluorene
Concen: 0.088 ng
RT: 15.38 min Scan# 1427
Delta R.T. 0.01 min
Lab File: BN002194.D
Acq: 30 Jul 2018 20:11

Tgt Ion:166 Resp: 2155

Ion	Ratio	Lower	Upper
166	100		
165	99.4	77.8	116.6
167	13.5	42.4	63.6#



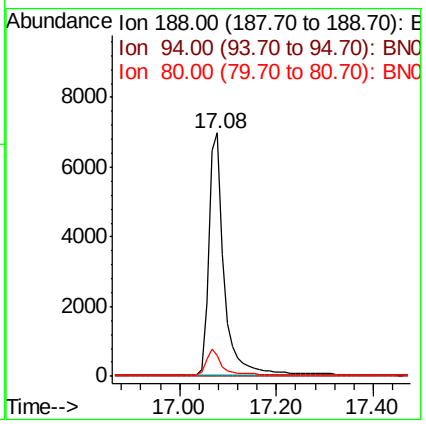


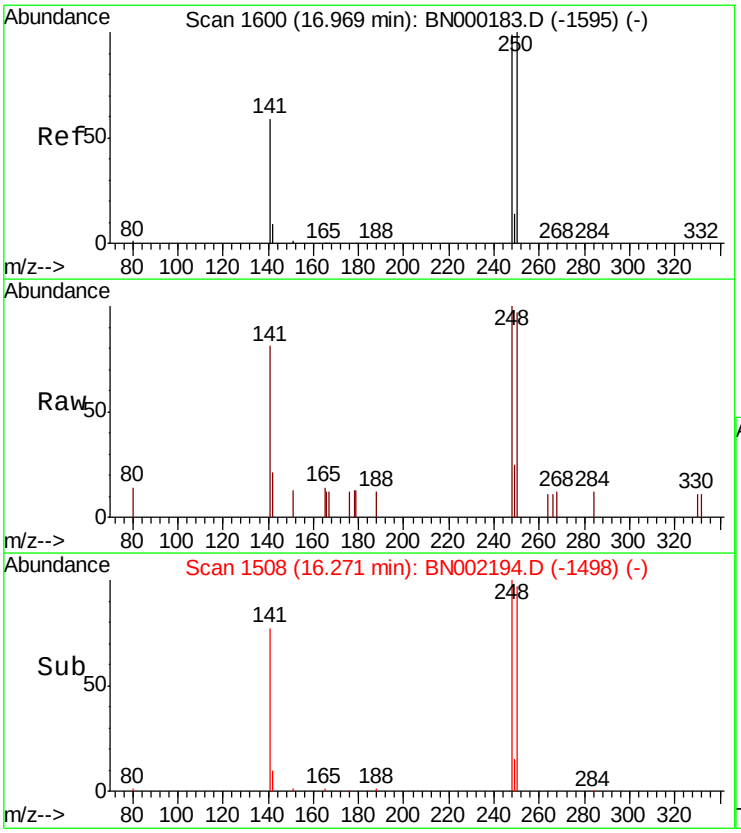
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.08 min Scan# 1584
Delta R.T. 0.01 min
Lab File: BN002194.D
Acq: 30 Jul 2018 20:11

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:188 Resp: 14988

Ion	Ratio	Lower	Upper
188	100		
94	0.0	3.9	5.9#
80	8.4	3.6	5.4#

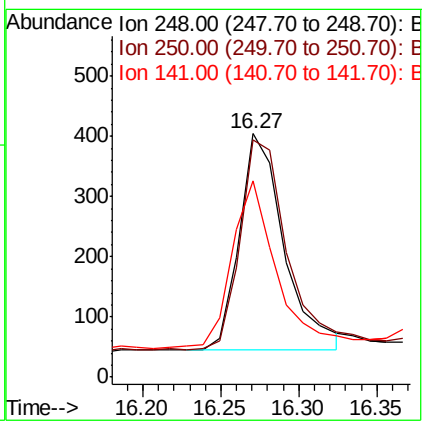


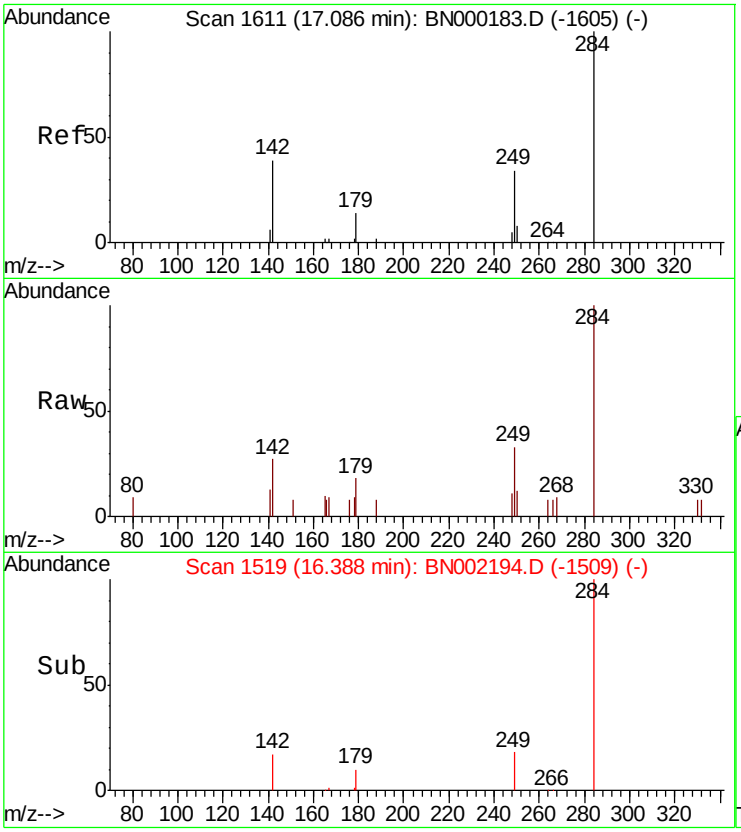


#20
4-Bromophenyl-phenylether
Concen: 0.084 ng
RT: 16.27 min Scan# 1508
Delta R.T. 0.01 min
Lab File: BN002194.D
Acq: 30 Jul 2018 20:11

Tgt Ion:248 Resp: 715

Ion	Ratio	Lower	Upper
248	100		
250	97.3	62.7	94.1#
141	80.9	48.2	72.2#



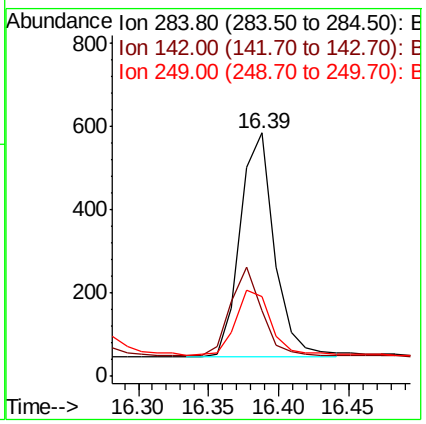


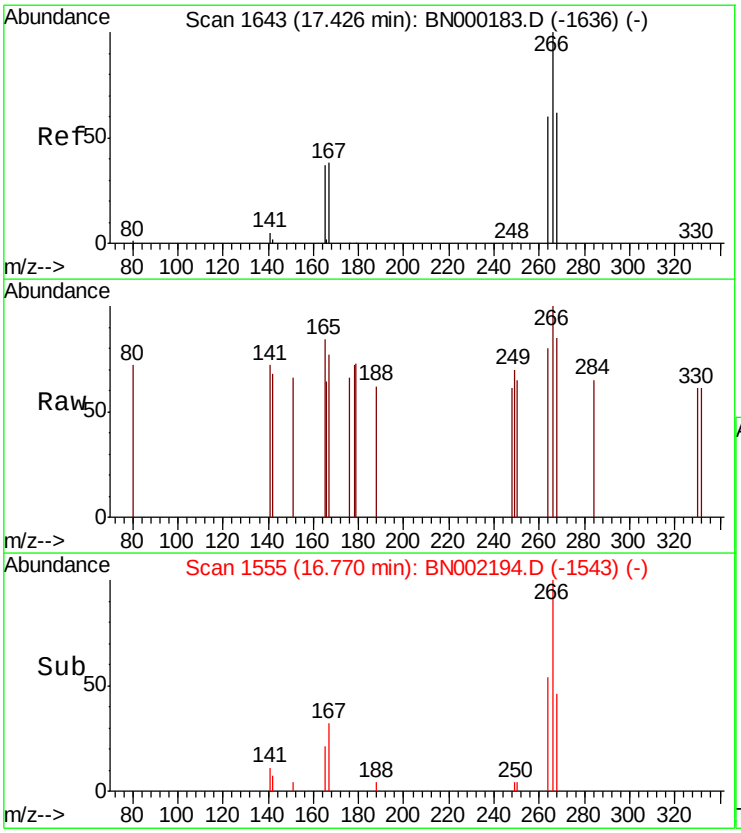
#21
Hexachlorobenzene
Concen: 0.097 ng
RT: 16.39 min Scan# 1519
Delta R.T. 0.01 min
Lab File: BN002194.D
Acq: 30 Jul 2018 20:11

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:284 Resp: 913

Ion	Ratio	Lower	Upper
284	100		
142	35.5	32.0	48.0
249	30.0	24.0	36.0

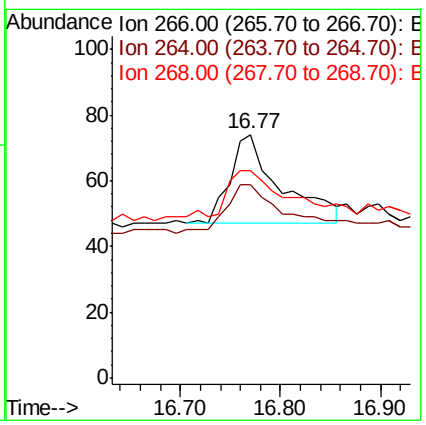


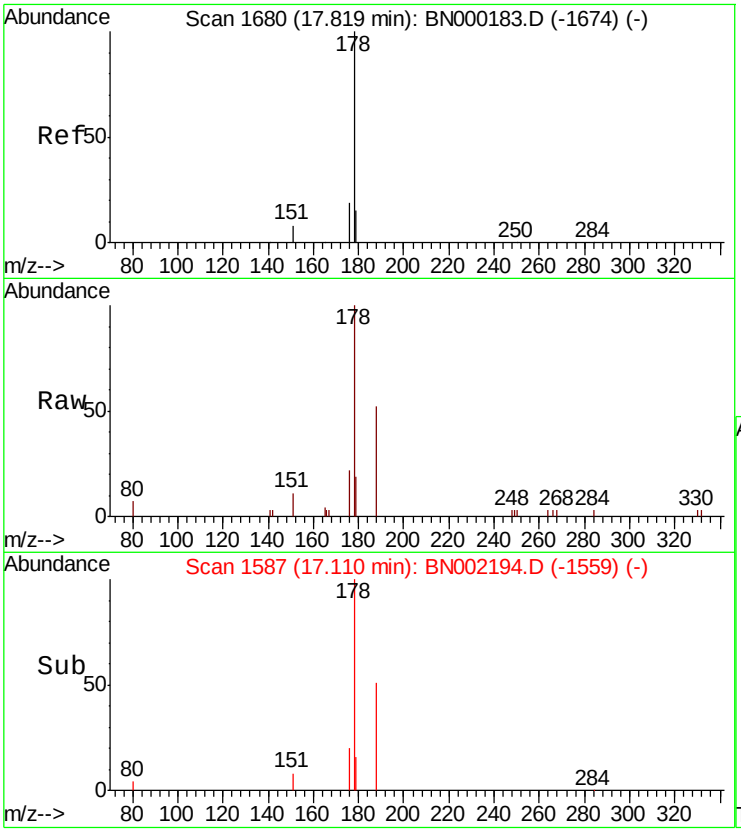


#22
Pentachlorophenol
Concen: 0.134 ng
RT: 16.77 min Scan# 1555
Delta R.T. 0.03 min
Lab File: BN002194.D
Acq: 30 Jul 2018 20:11

Tgt Ion:266 Resp: 95

Ion	Ratio	Lower	Upper
266	100		
264	79.7	48.0	72.0#
268	85.1	52.0	78.0#



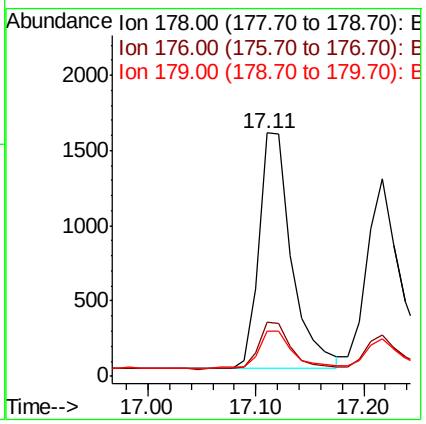


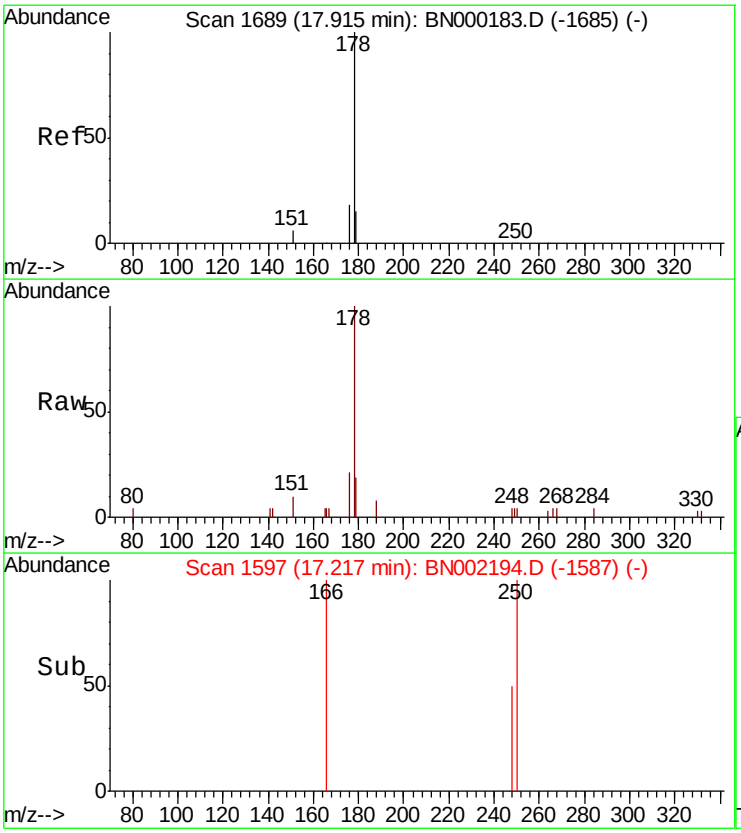
#23
Phenanthrene
Concen: 0.089 ng
RT: 17.11 min Scan# 1587
Delta R.T. -0.00 min
Lab File: BN002194.D
Acq: 30 Jul 2018 20:11

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 3312

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.1	22.7
179	16.7	11.8	17.6

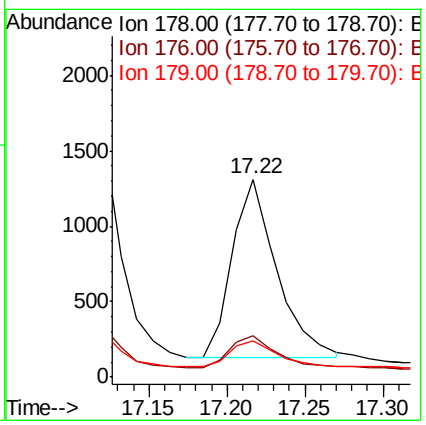


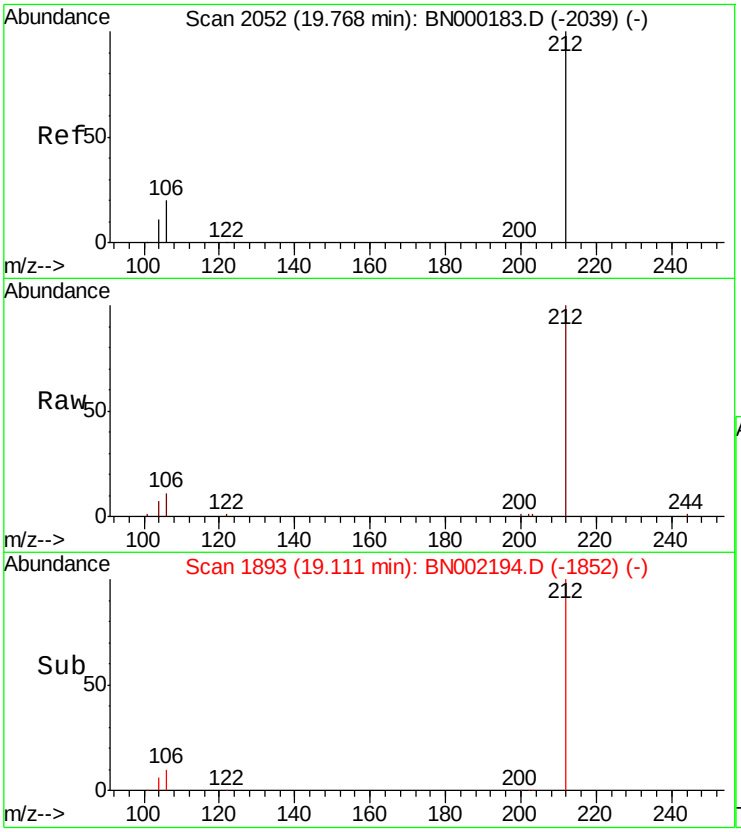


#24
Anthracene
Concen: 0.076 ng
RT: 17.22 min Scan# 1597
Delta R.T. 0.01 min
Lab File: BN002194.D
Acq: 30 Jul 2018 20:11

Tgt Ion:178 Resp: 2356

Ion	Ratio	Lower	Upper
178	100		
176	17.9	12.8	19.2
179	15.7	13.0	19.6



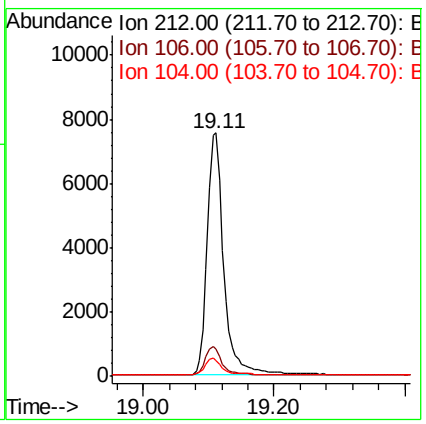


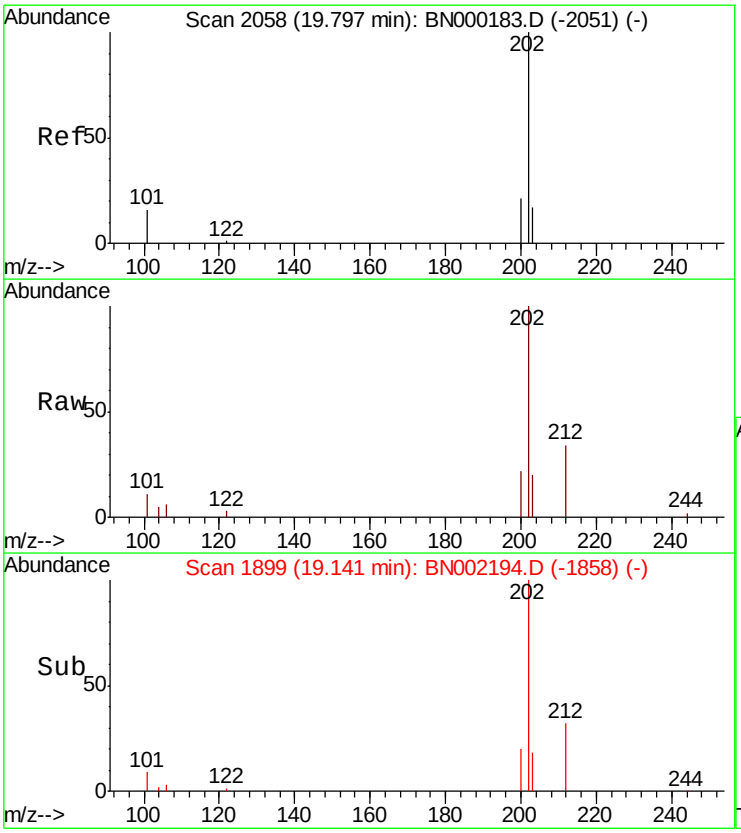
#25
Fluoranthene-d10
Concen: 0.356 ng
RT: 19.11 min Scan# 1893
Delta R.T. 0.00 min
Lab File: BN002194.D
Acq: 30 Jul 2018 20:11

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:212 Resp: 13174

Ion	Ratio	Lower	Upper
212	100		
106	11.4	2.8	4.2#
104	6.3	1.6	2.4#

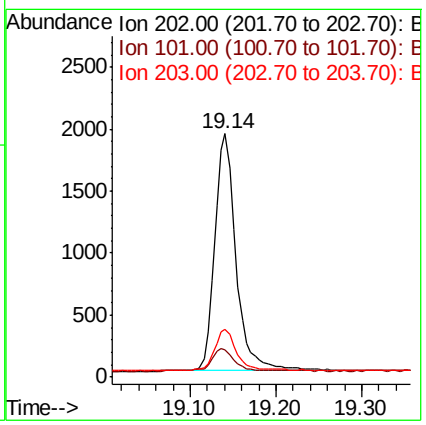


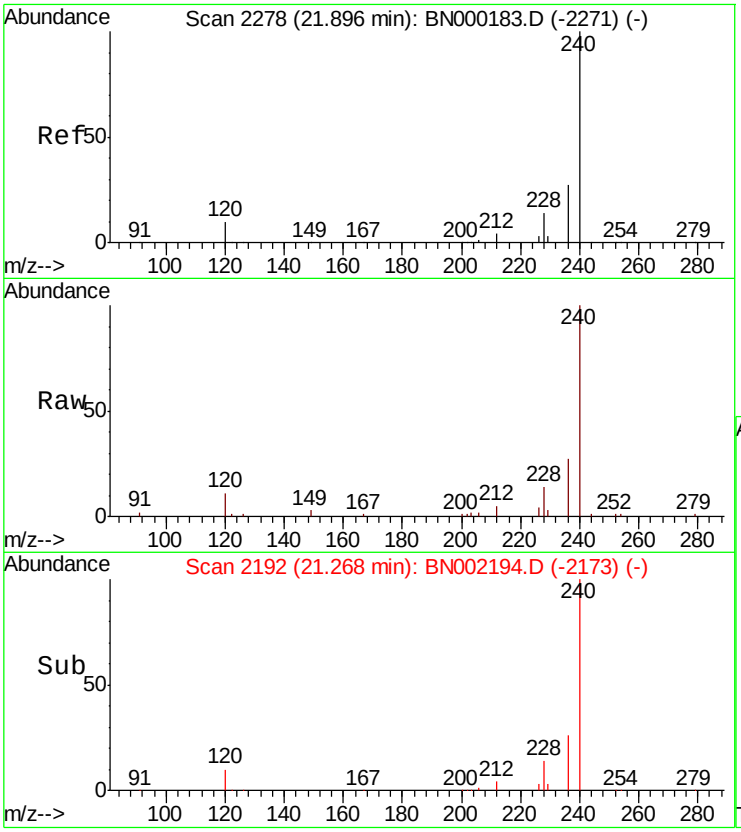


#26
Fluoranthene
Concen: 0.081 ng
RT: 19.14 min Scan# 1899
Delta R.T. 0.00 min
Lab File: BN002194.D
Acq: 30 Jul 2018 20:11

Tgt Ion:202 Resp: 3285

Ion	Ratio	Lower	Upper
202	100		
101	10.0	9.8	14.8
203	17.6	13.7	20.5



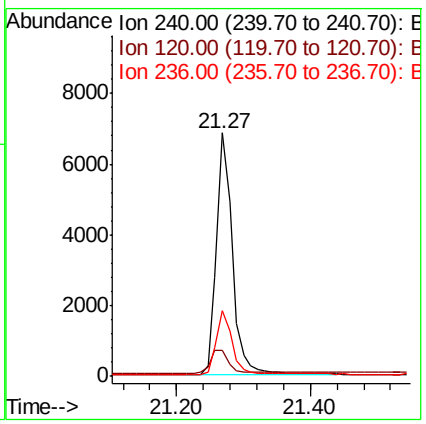


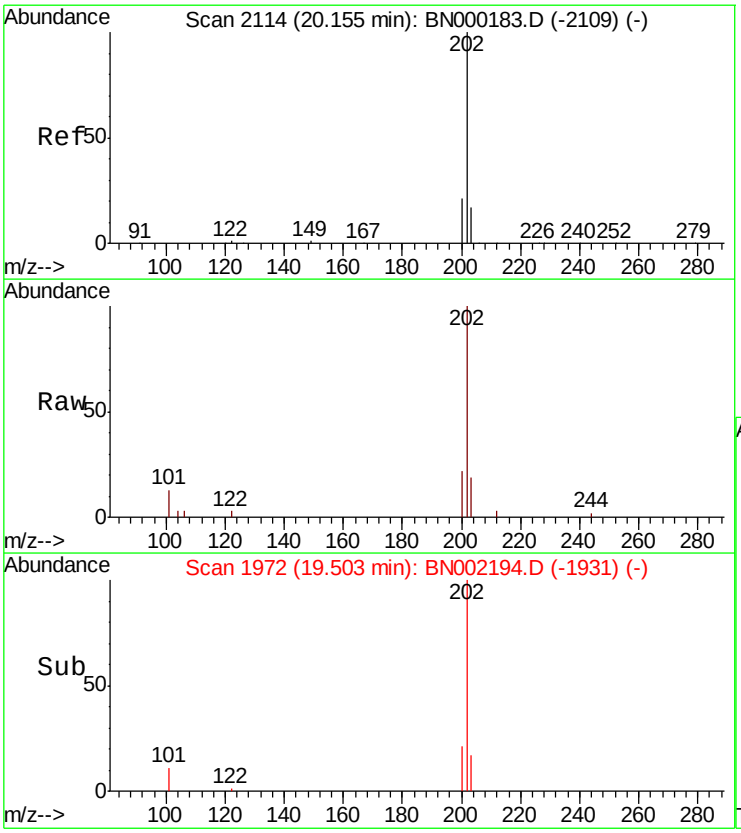
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.27 min Scan# 2192
Delta R.T. -0.00 min
Lab File: BN002194.D
Acq: 30 Jul 2018 20:11

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:240 Resp: 11186

Ion	Ratio	Lower	Upper
240	100		
120	10.8	5.5	8.3#
236	27.0	20.7	31.1

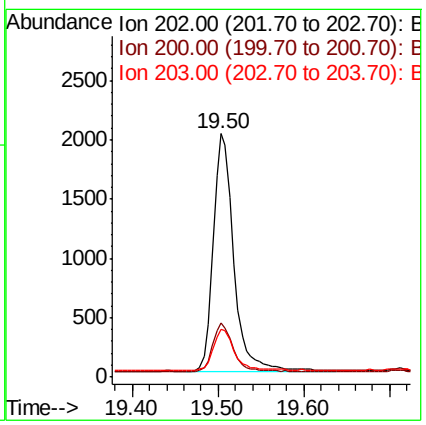


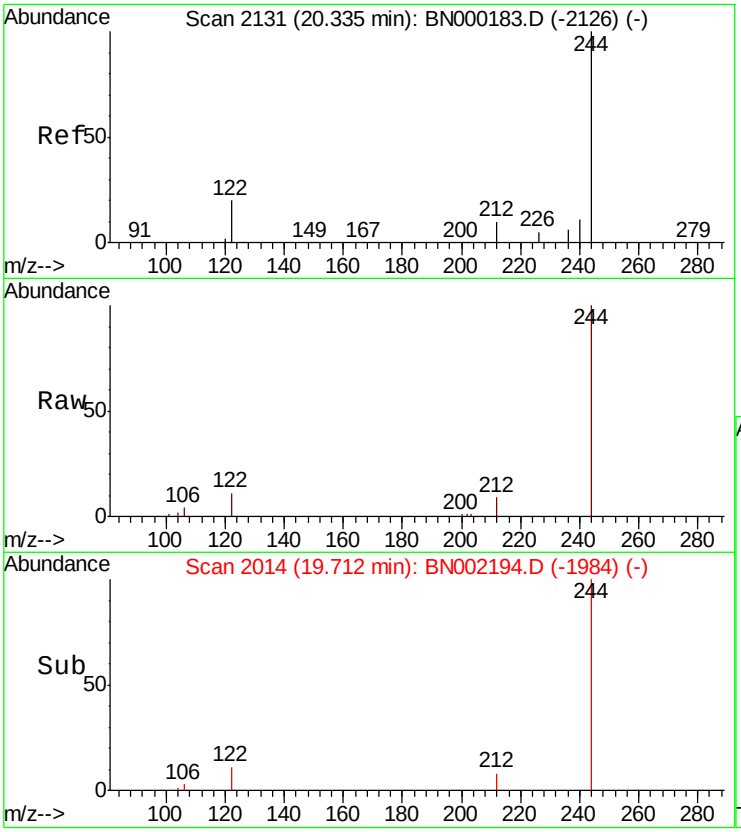


#28
Pyrene
Concen: 0.100 ng
RT: 19.50 min Scan# 1972
Delta R.T. 0.00 min
Lab File: BN002194.D
Acq: 30 Jul 2018 20:11

Tgt Ion:202 Resp: 3311

Ion	Ratio	Lower	Upper
202	100		
200	20.1	16.6	25.0
203	17.7	13.8	20.8



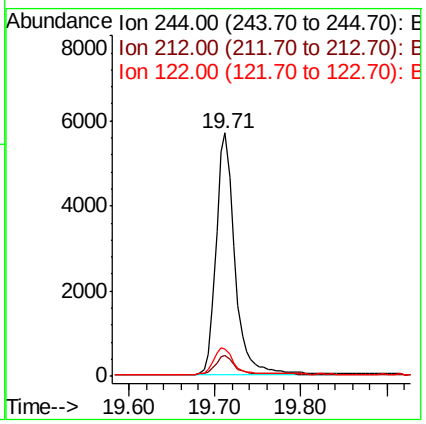


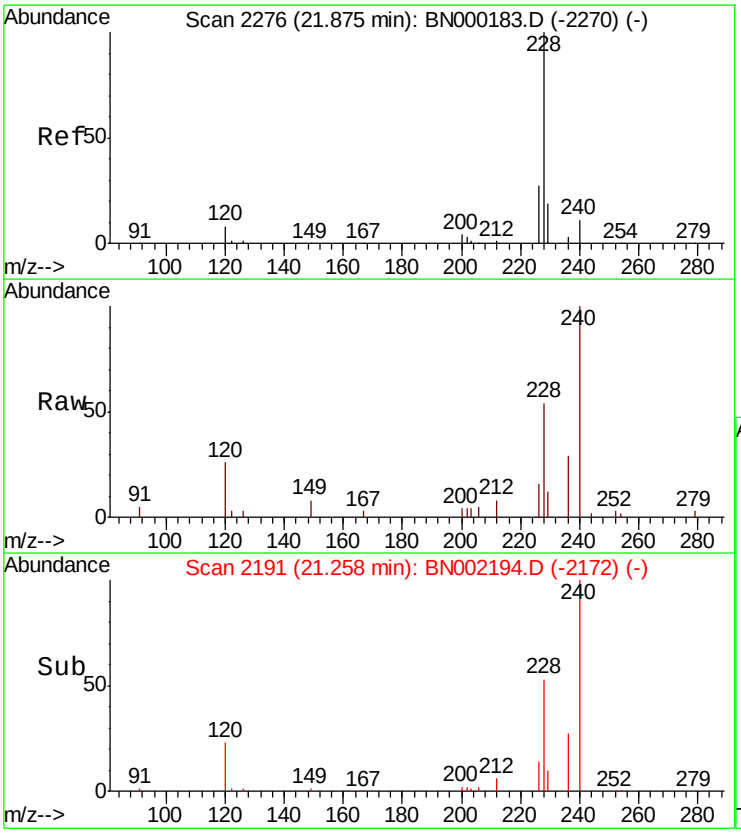
#29
Terphenyl-d14
Concen: 0.360 ng
RT: 19.71 min Scan# 2014
Delta R.T. -0.00 min
Lab File: BN002194.D
Acq: 30 Jul 2018 20:11

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:244 Resp: 8612

Ion	Ratio	Lower	Upper
244	100		
212	8.7	25.4	38.0#
122	11.4	8.1	12.1

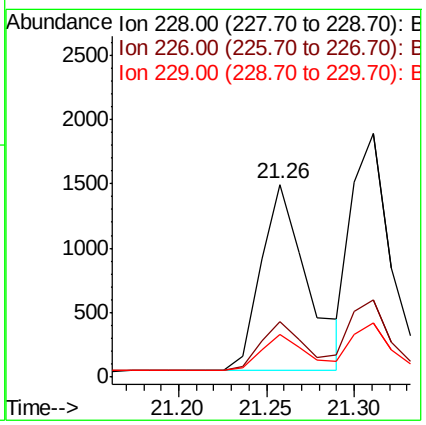


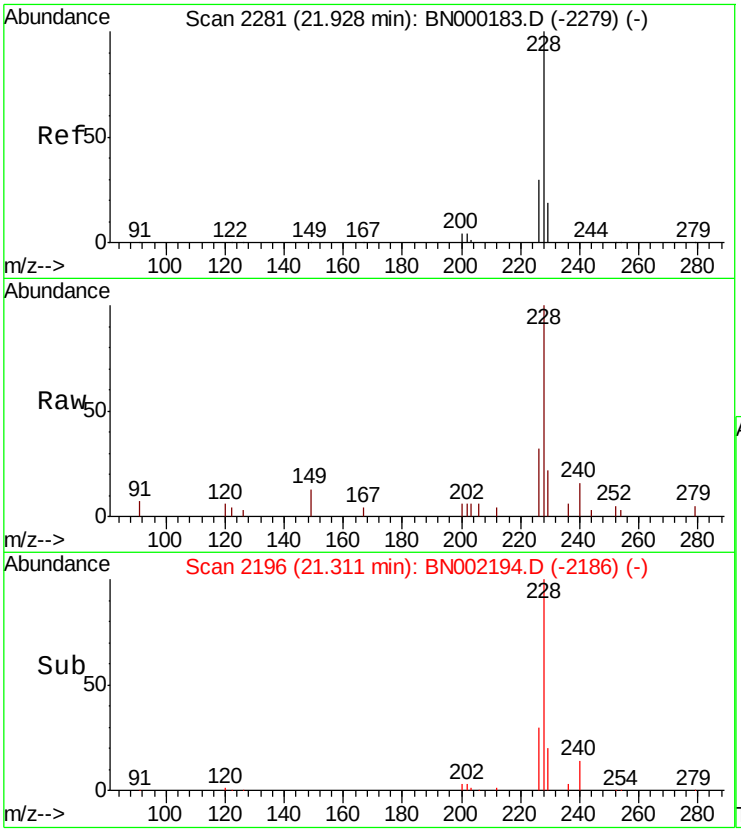


#30
Benzo(a)anthracene
Concen: 0.094 ng
RT: 21.26 min Scan# 2191
Delta R.T. -0.00 min
Lab File: BN002194.D
Acq: 30 Jul 2018 20:11

Tgt Ion:228 Resp: 2659

Ion	Ratio	Lower	Upper
228	100		
226	29.0	24.0	36.0
229	21.8	16.0	24.0



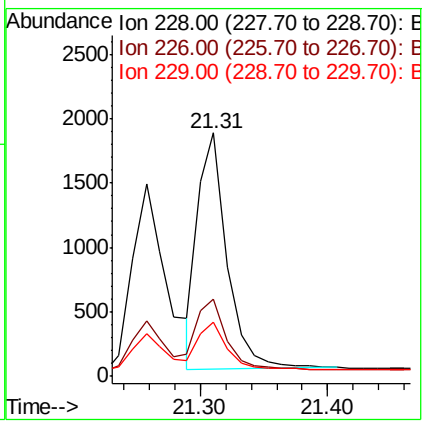


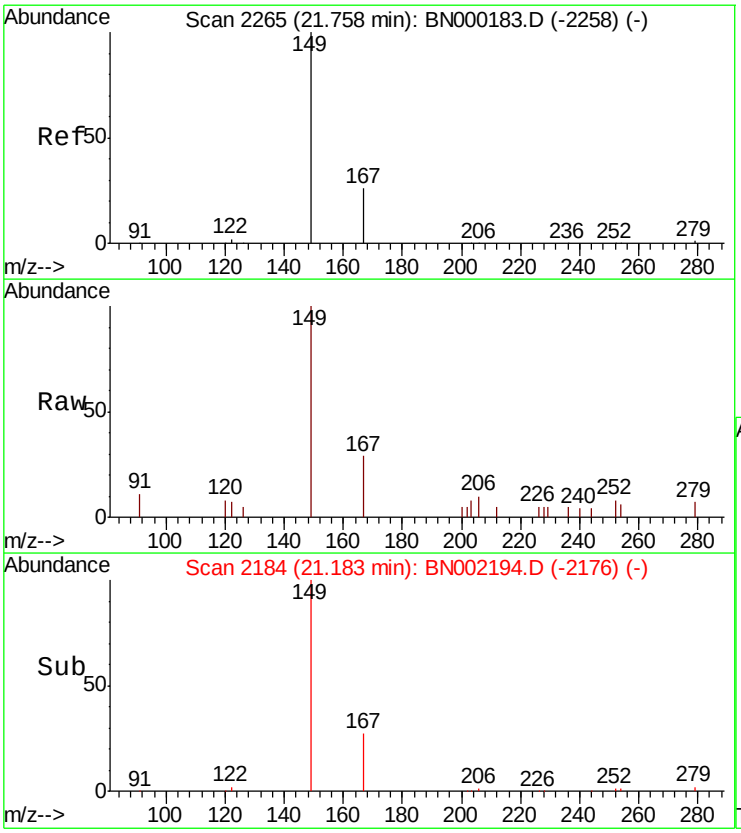
#31
Chrysene
Concen: 0.092 ng
RT: 21.31 min Scan# 2196
Delta R.T. 0.01 min
Lab File: BN002194.D
Acq: 30 Jul 2018 20:11

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 2902

Ion	Ratio	Lower	Upper
228	100		
226	31.6	24.0	36.0
229	22.4	16.0	24.0

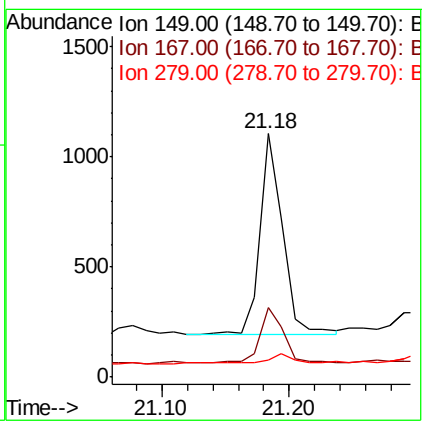


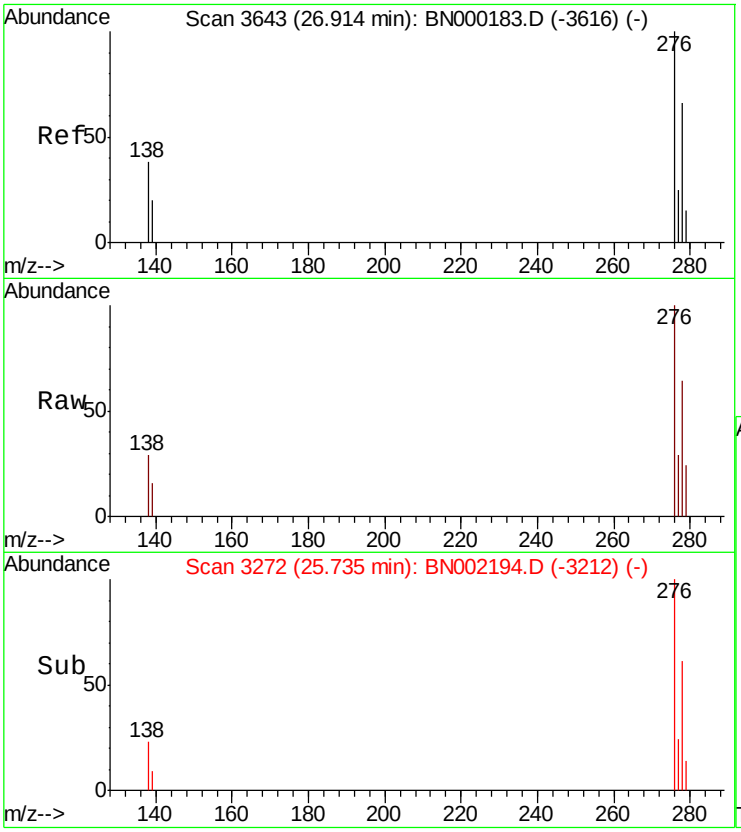


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.089 ng
RT: 21.18 min Scan# 2184
Delta R.T. -0.01 min
Lab File: BN002194.D
Acq: 30 Jul 2018 20:11

Tgt Ion:149 Resp: 1145

Ion	Ratio	Lower	Upper
149	100		
167	27.2	20.0	30.0
279	4.7	1.6	2.4#



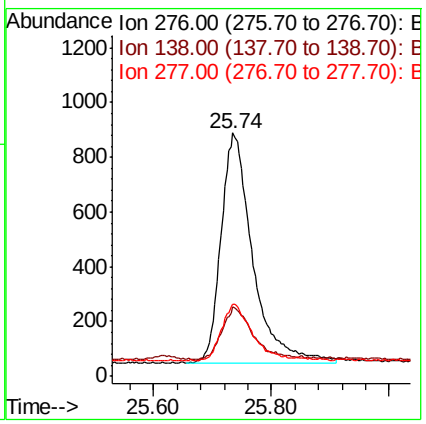


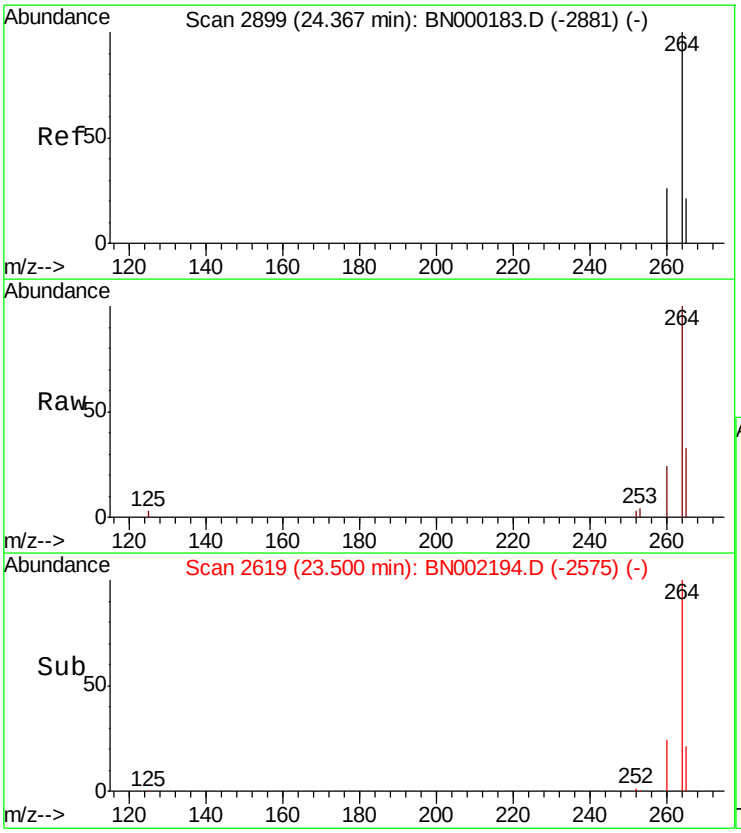
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.106 ng
RT: 25.74 min Scan# 3272
Delta R.T. 0.01 min
Lab File: BN002194.D
Acq: 30 Jul 2018 20:11

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 3135

Ion	Ratio	Lower	Upper
276	100		
138	21.9	22.5	33.7#
277	23.8	19.9	29.9

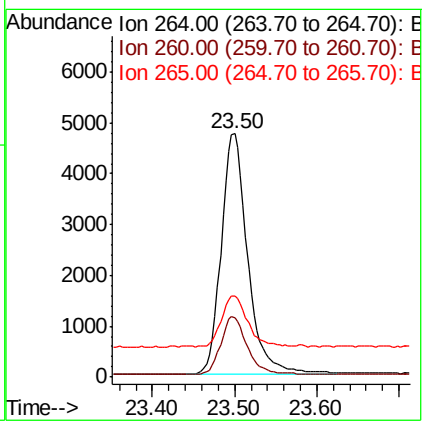


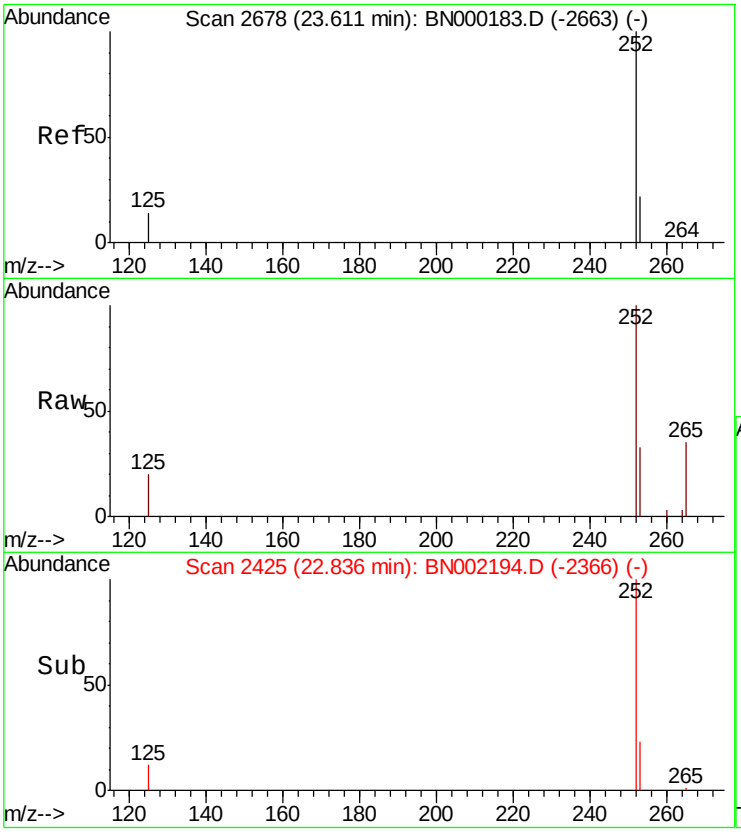


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.50 min Scan# 2619
Delta R.T. -0.00 min
Lab File: BN002194.D
Acq: 30 Jul 2018 20:11

Tgt Ion:264 Resp: 10575

Ion	Ratio	Lower	Upper
264	100		
260	24.3	20.5	30.7
265	33.3	22.8	34.2



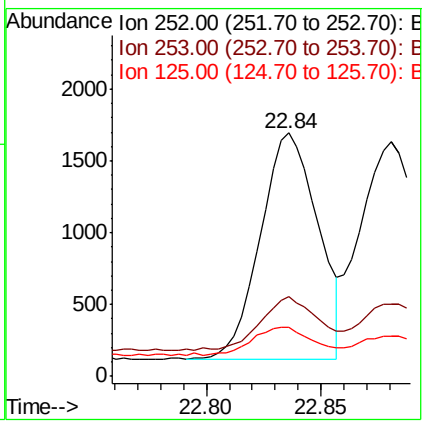


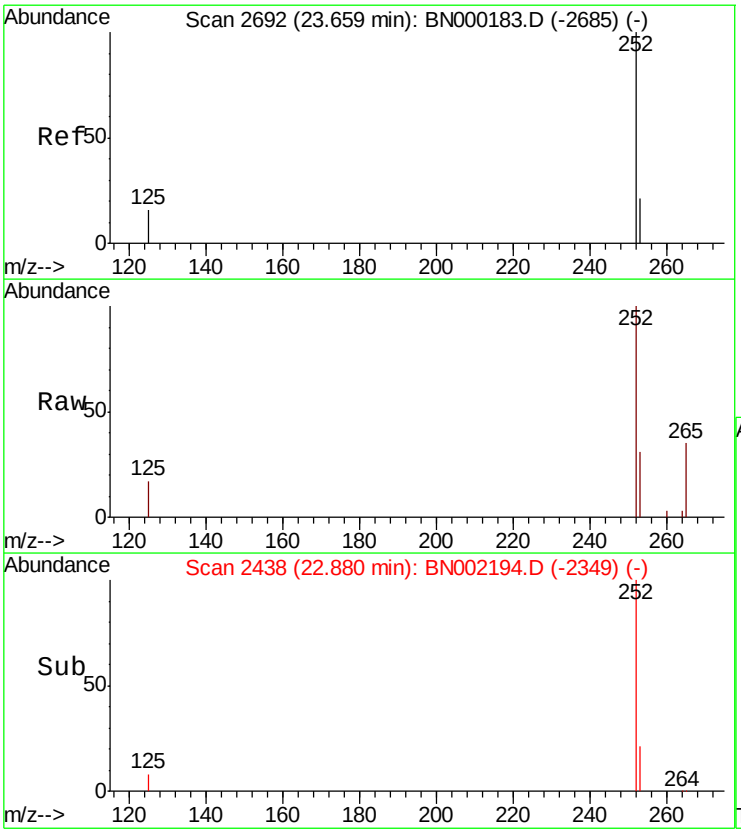
#35
Benzo(b)fluoranthene
Concen: 0.088 ng
RT: 22.84 min Scan# 2425
Delta R.T. 0.00 min
Lab File: BN002194.D
Acq: 30 Jul 2018 20:11

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 2745

Ion	Ratio	Lower	Upper
252	100		
253	32.5	20.0	30.0#
125	19.9	16.0	24.0

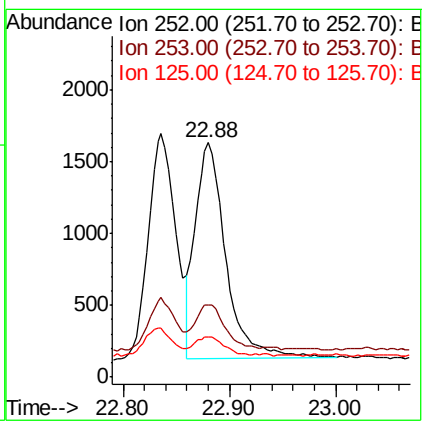


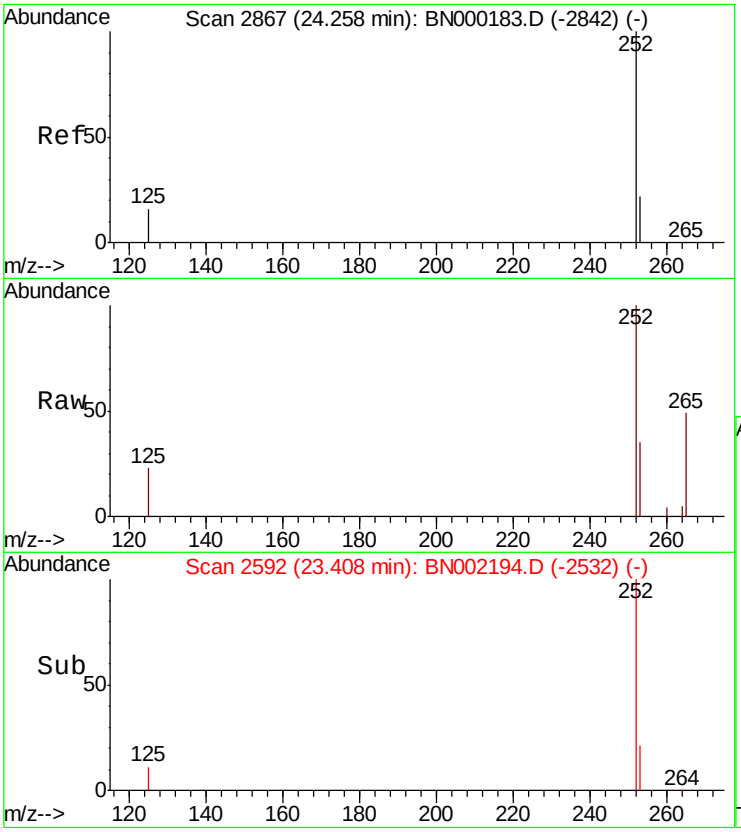


#36
Benzo(k)fluoranthene
Concen: 0.092 ng
RT: 22.88 min Scan# 2438
Delta R.T. 0.00 min
Lab File: BN002194.D
Acq: 30 Jul 2018 20:11

Tgt Ion:252 Resp: 2975

Ion	Ratio	Lower	Upper
252	100		
253	31.0	16.0	24.0#
125	17.2	8.0	12.0#



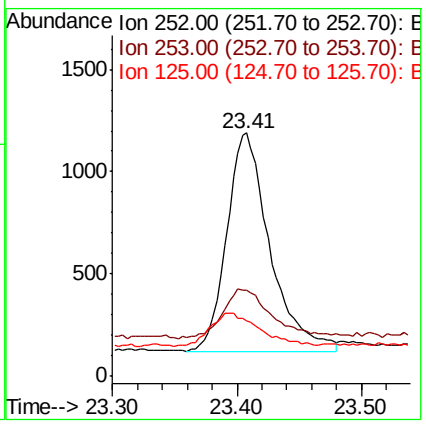


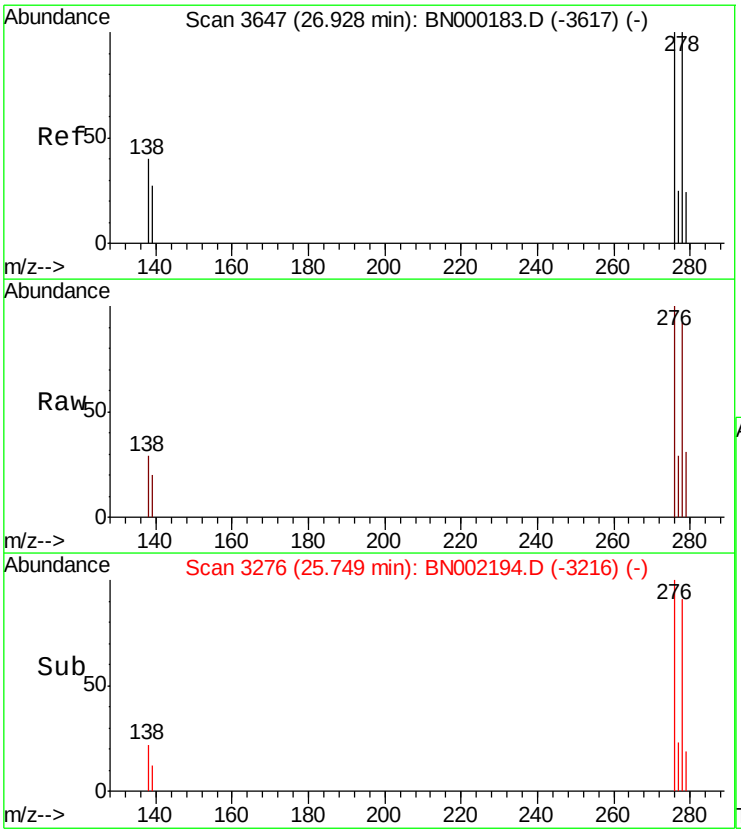
#37
Benzo(a)pyrene
Concen: 0.091 ng
RT: 23.41 min Scan# 2592
Delta R.T. 0.01 min
Lab File: BN002194.D
Acq: 30 Jul 2018 20:11

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 2562

Ion	Ratio	Lower	Upper
252	100		
253	35.5	16.0	24.0#
125	22.5	12.0	18.0#

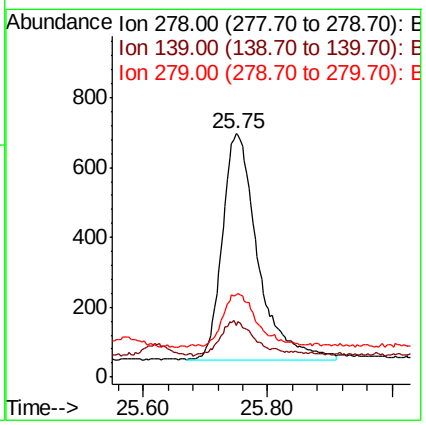


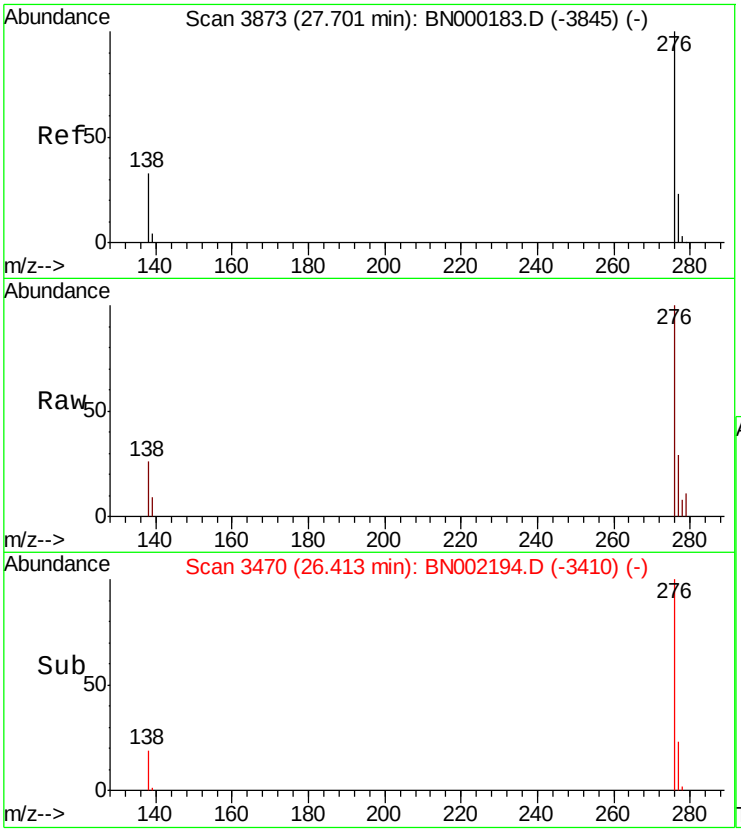


#38
Dibenzo(a,h)anthracene
Concen: 0.093 ng
RT: 25.75 min Scan# 3276
Delta R.T. 0.01 min
Lab File: BN002194.D
Acq: 30 Jul 2018 20:11

Tgt Ion:278 Resp: 2563

Ion	Ratio	Lower	Upper
278	100		
139	21.4	16.0	24.0
279	33.6	20.0	30.0#





#39
Benzo(g,h,i)perylene
Concen: 0.097 ng
RT: 26.41 min Scan# 3470
Delta R.T. 0.01 min
Lab File: BN002194.D
Acq: 30 Jul 2018 20:11

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 2730

Ion	Ratio	Lower	Upper
276	100		
277	28.8	16.0	24.0#
138	25.8	20.0	30.0