Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN073118\
Data File : BN002203.D
Acq On : 31 Jul 2018 09:48
Operator : JU/SJ
Sample : J4086-30DL 10X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId :

Quant Time: Jul 31 16:02:11 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	3242	0.40	ng		0.00
7) Naphthalene-d8	10.47	136	13484	0.40	ng		0.00
13) Acenaphthene-d10	14.32	164	7731	0.40	ng		0.00
19) Phenanthrene-d10	17.08	188	16216	0.40	ng		0.01
27) Chrysene-d12	21.27	240	11871	0.40	ng		0.00
34) Perylene-d12	23.50	264	10908	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.32	112	254	0.03	ng		0.02
5) Phenol-d6	6.92	99	127	0.01	ng		0.04
8) Nitrobenzene-d5	8.89	82	249	0.02	ng		0.05
11) 2-Methylnaphthalene-d10	12.10	152	666	0.03	ng		0.04
14) 2,4,6-Tribromophenol	15.86	330	64	0.02	ng		0.03
15) 2-Fluorobiphenyl	12.96	172	1180	0.04	ng		0.02
25) Fluoranthene-d10	19.11	212	1429	0.04	ng		0.00
29) Terphenyl-d14	19.72	244	1006	0.04	ng		0.00
Target Compounds							Qvalue
3) n-Nitrosodimethylamine	3.63	42	14	0.119	ng	#	5
9) Naphthalene	10.52	128	14595	0.480	ng		96
16) Acenaphthylene	14.03	152	49161	1.488	ng		100
17) Acenaphthene	14.38	154	30337	1.428	ng		97
18) Fluorene	15.39	166	5295	0.203	ng	#	80
22) Pentachlorophenol	16.76	266	3	0.094	ng	#	54
23) Phenanthrene	17.12	178	3931	0.097	ng		99
24) Anthracene	17.22	178	6624	0.199	ng		96
26) Fluoranthene	19.14	202	8150	0.186	ng	#	97
28) Pyrene	19.50	202	9906	0.282	ng		99
30) Benzo(a)anthracene	21.26	228	3975	0.133	ng		97
31) Chrysene	21.31	228	4829	0.144	ng		99
33) Indeno(1,2,3-cd)pyrene	25.73	276	10470	0.332	ng	#	91
35) Benzo(b)fluoranthene	22.84	252	2823	0.088	ng	#	93
36) Benzo(k)fluoranthene	22.88	252	13829	0.415	ng		94
37) Benzo(a)pyrene	23.40	252	6834	0.235	ng	#	90
38) Dibenzo(a,h)anthracene	25.75	278	3623	0.128	ng	#	92
39) Benzo(g,h,i)perylene	26.41	276	7792	0.270	ng	#	91

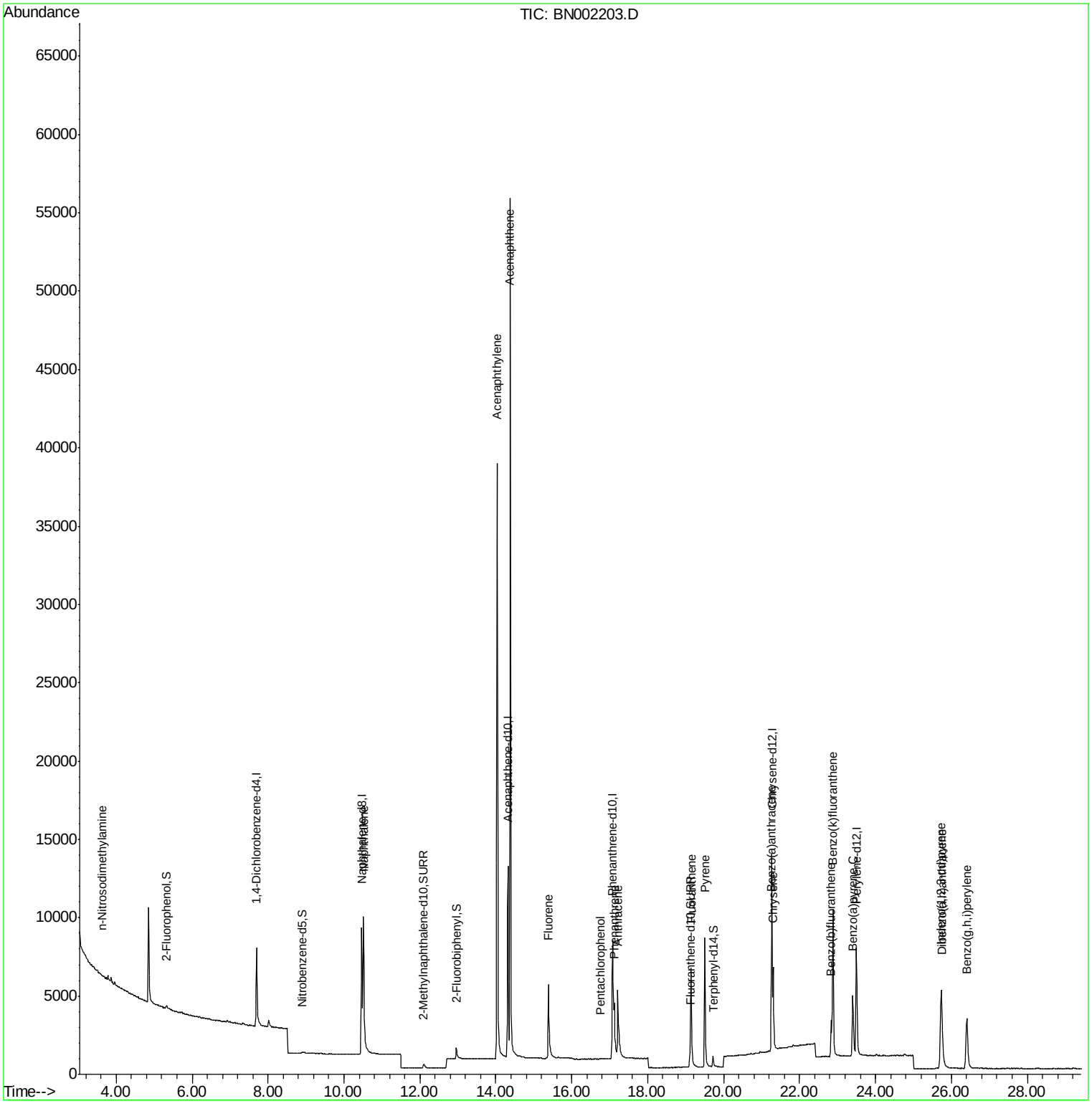
(#) = qualifier out of range (m) = manual integration (+) = signals summed

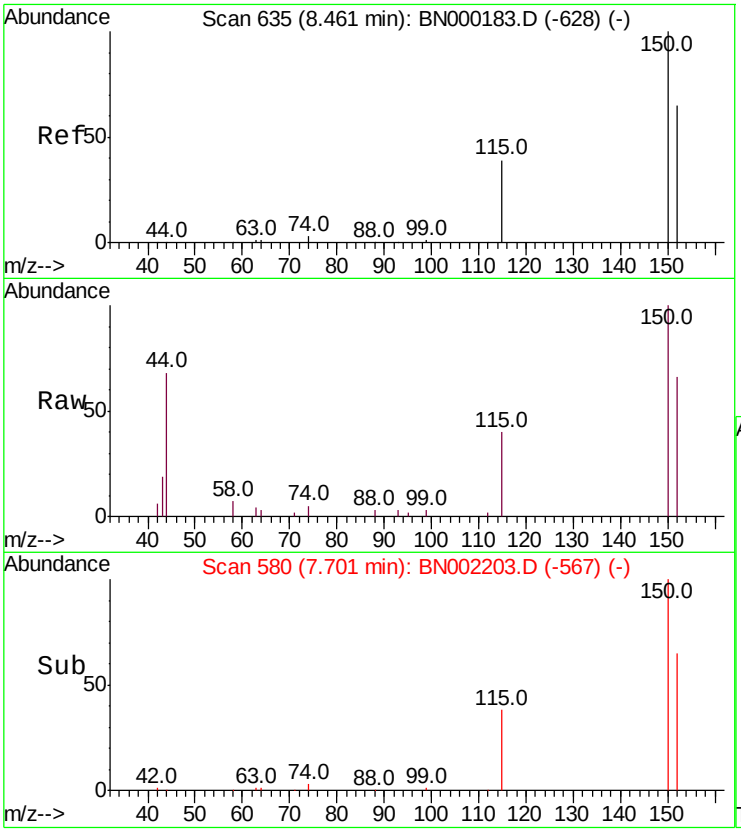
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN073118\
Data File : BN002203.D
Acq On : 31 Jul 2018 09:48
Operator : JU/SJ
Sample : J4086-30DL 10X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Jul 31 16:02:11 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



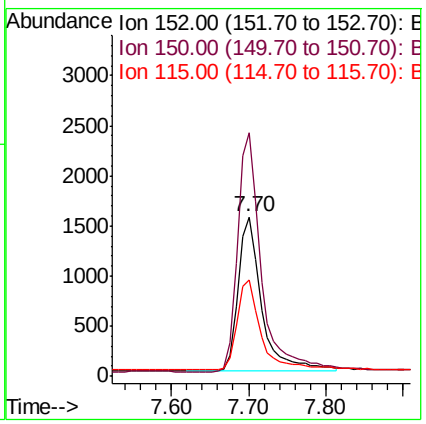


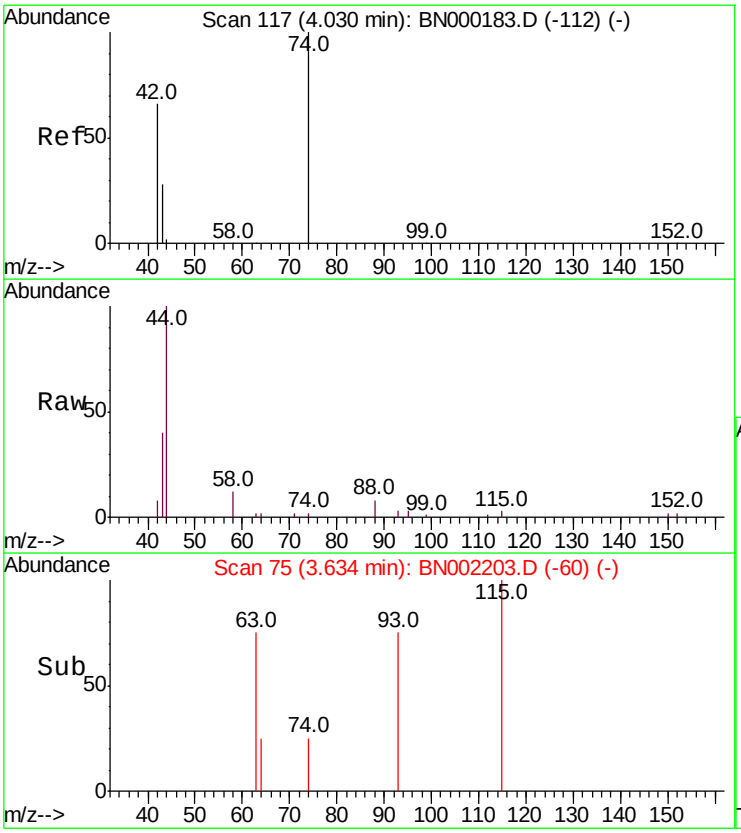
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.70 min Scan# 580
Delta R.T. 0.01 min
Lab File: BN002203.D
Acq: 31 Jul 2018 09:48

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 3242

Ion	Ratio	Lower	Upper
152	100		
150	152.5	117.2	175.8
115	60.4	57.0	85.6

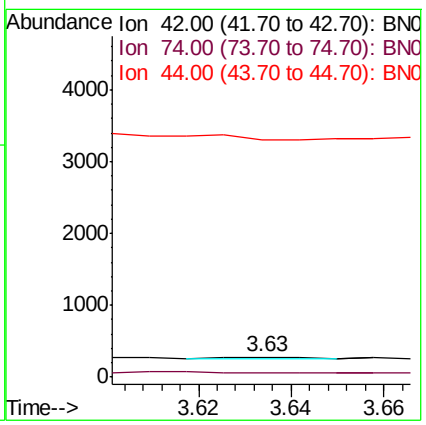


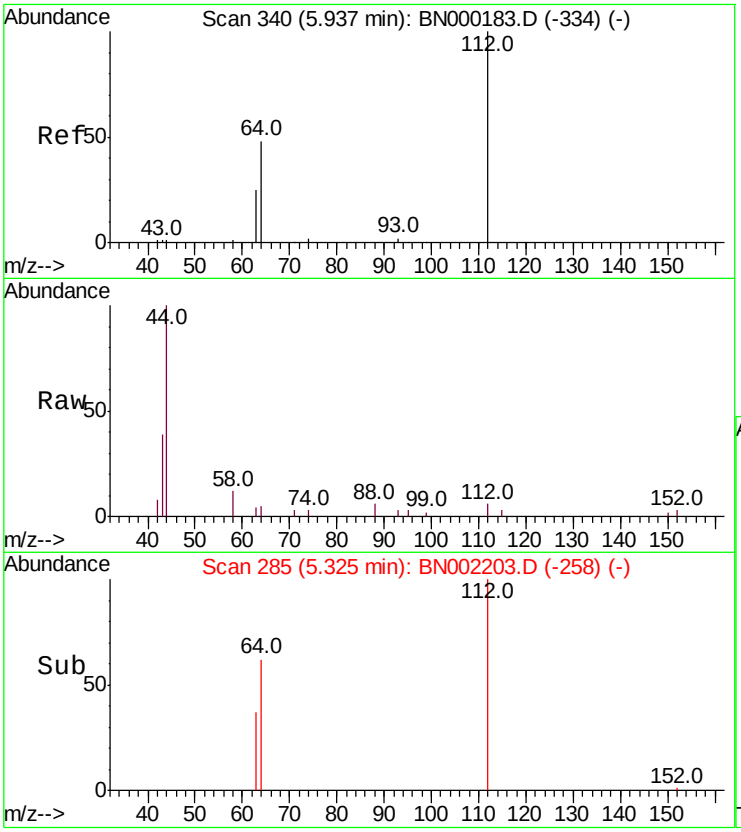


#3
n-Nitrosodimethylamine
Concen: 0.119 ng
RT: 3.63 min Scan# 75
Delta R.T. 0.02 min
Lab File: BN002203.D
Acq: 31 Jul 2018 09:48

Tgt Ion: 42 Resp: 14

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



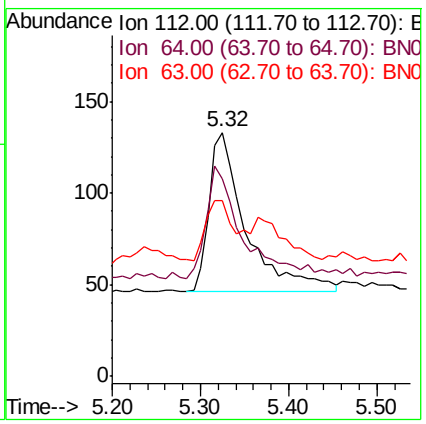


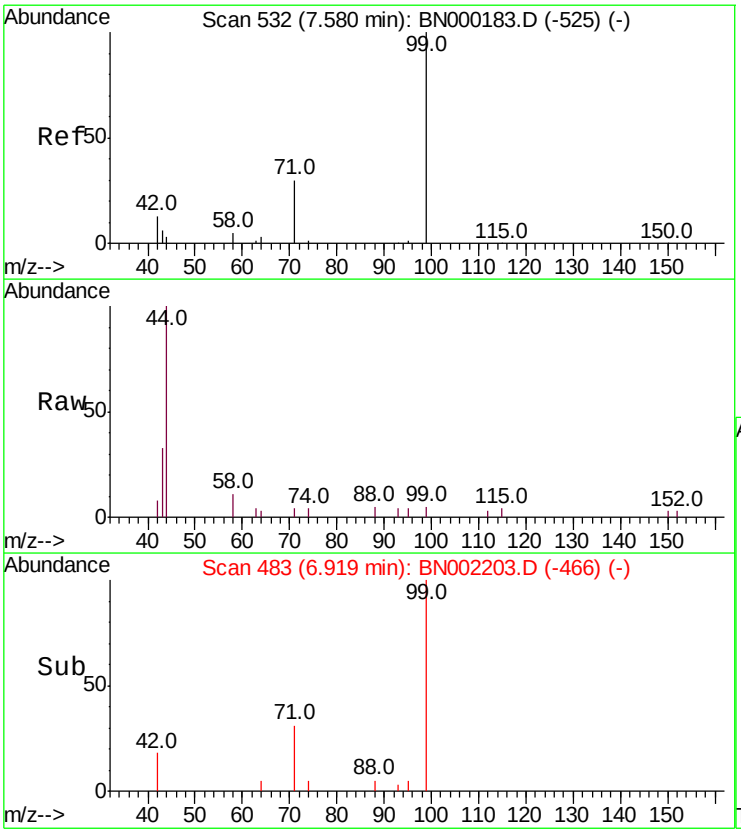
#4
2-Fluorophenol
Concen: 0.034 ng
RT: 5.32 min Scan# 285
Delta R.T. 0.02 min
Lab File: BN002203.D
Acq: 31 Jul 2018 09:48

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:112 Resp: 254

Ion	Ratio	Lower	Upper
112	100		
64	70.9	60.1	90.1
63	26.0	116.8	175.2#

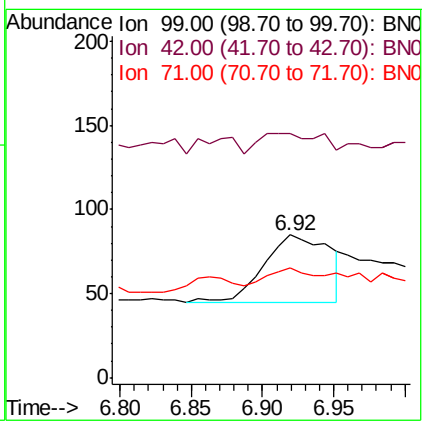


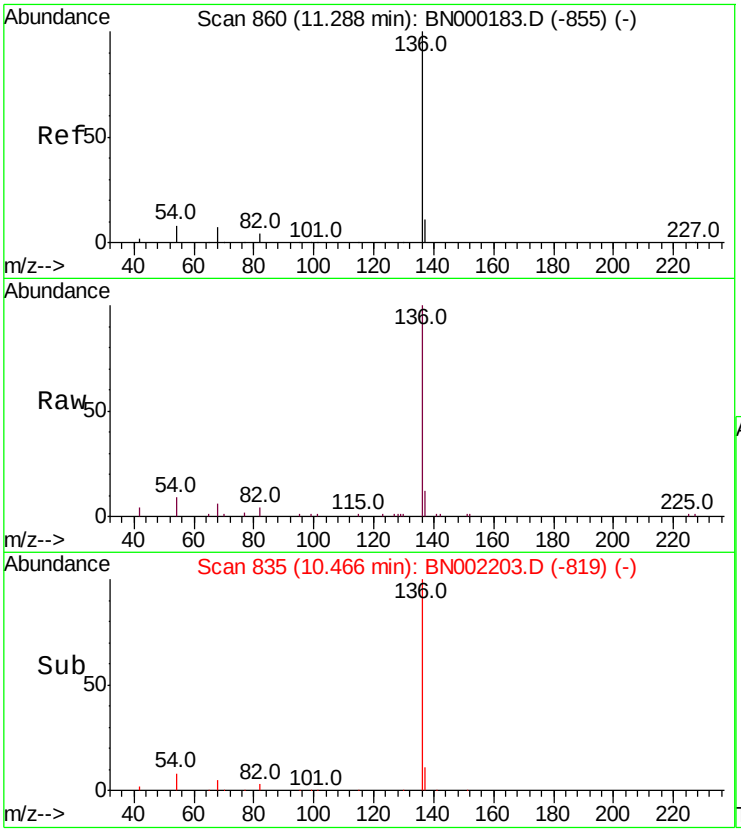


#5
Phenol-d6
Concen: 0.014 ng
RT: 6.92 min Scan# 483
Delta R.T. 0.04 min
Lab File: BN002203.D
Acq: 31 Jul 2018 09:48

Tgt Ion: 99 Resp: 127

Ion	Ratio	Lower	Upper
99	100		
42	28.3	20.2	30.2
71	17.3	28.4	42.6#



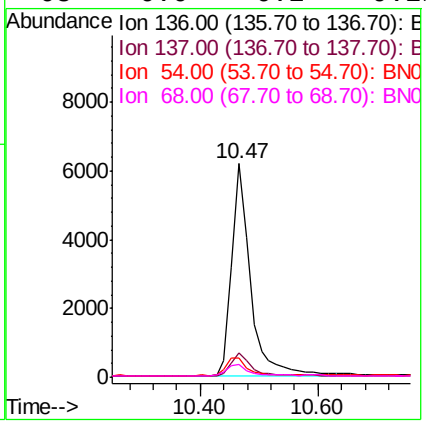


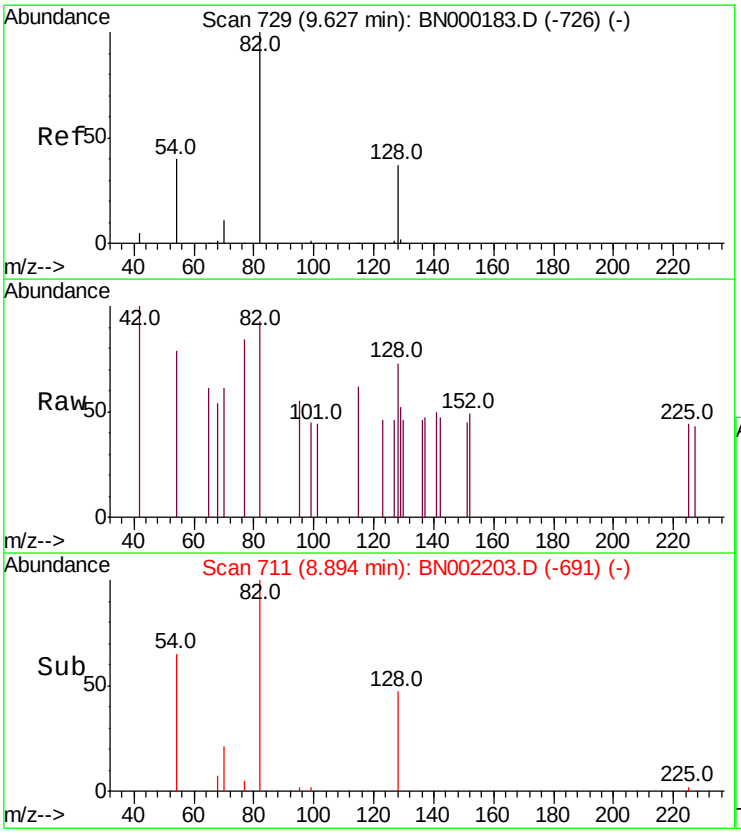
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.47 min Scan# 835
Delta R.T. -0.00 min
Lab File: BN002203.D
Acq: 31 Jul 2018 09:48

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:136 Resp: 13484

Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.5	14.3
54	9.1	29.1	43.7#
68	6.0	6.2	9.2#

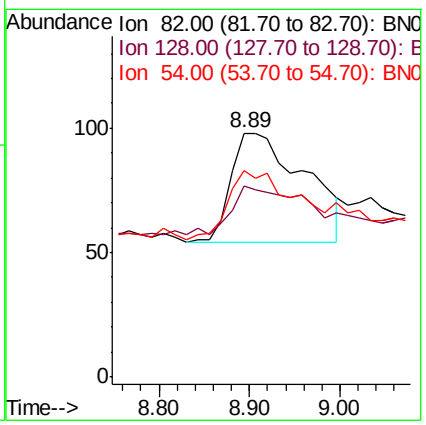


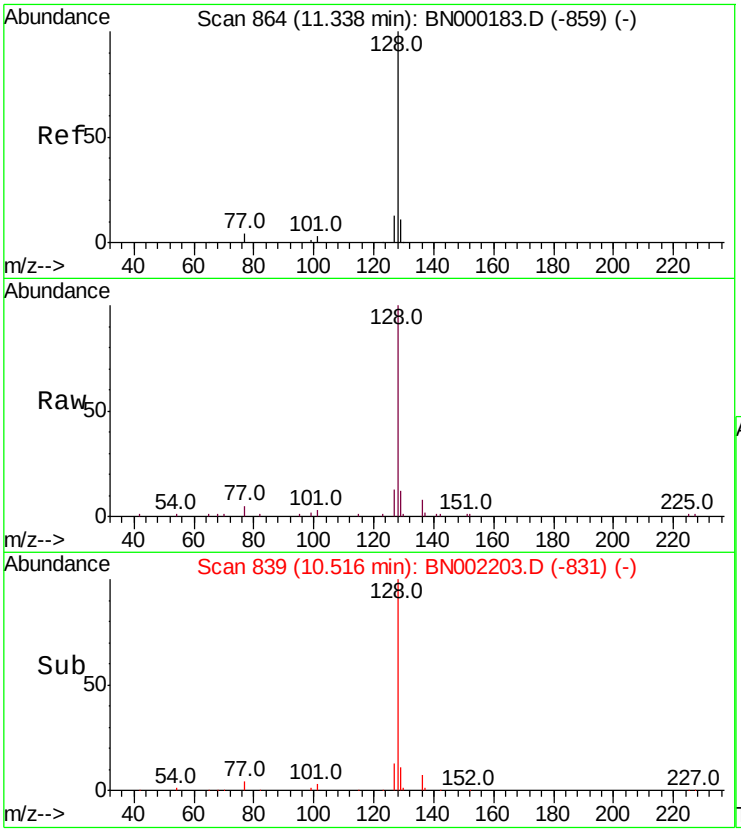


#8
Nitrobenzene-d5
Concen: 0.025 ng
RT: 8.89 min Scan# 711
Delta R.T. 0.05 min
Lab File: BN002203.D
Acq: 31 Jul 2018 09:48

Tgt Ion: 82 Resp: 249

Ion	Ratio	Lower	Upper
82	100		
128	78.6	150.0	225.0#
54	84.7	154.2	231.4#



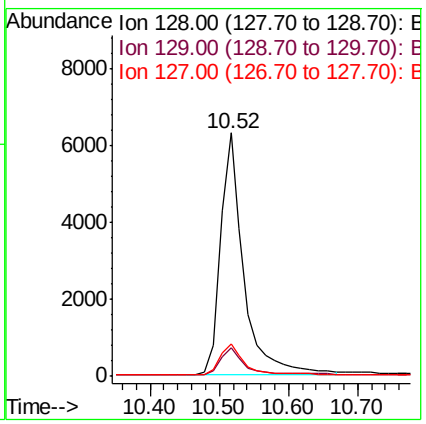


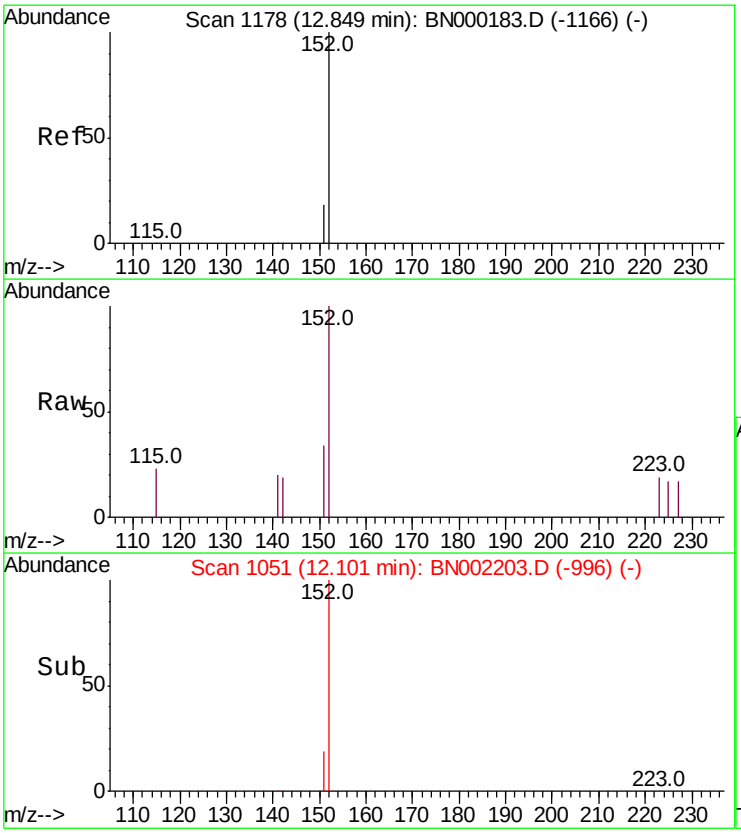
#9
Naphthalene
Concen: 0.480 ng
RT: 10.52 min Scan# 839
Delta R.T. -0.00 min
Lab File: BN002203.D
Acq: 31 Jul 2018 09:48

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:128 Resp: 14595

Ion	Ratio	Lower	Upper
128	100		
129	11.9	8.0	12.0
127	13.3	9.6	14.4

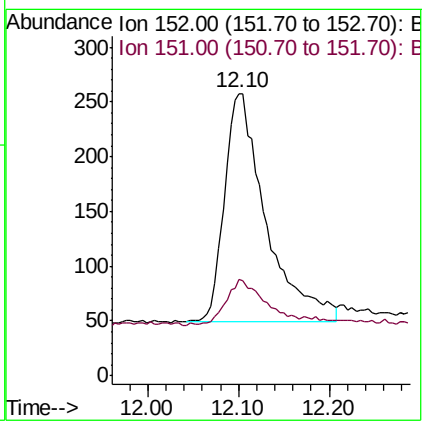


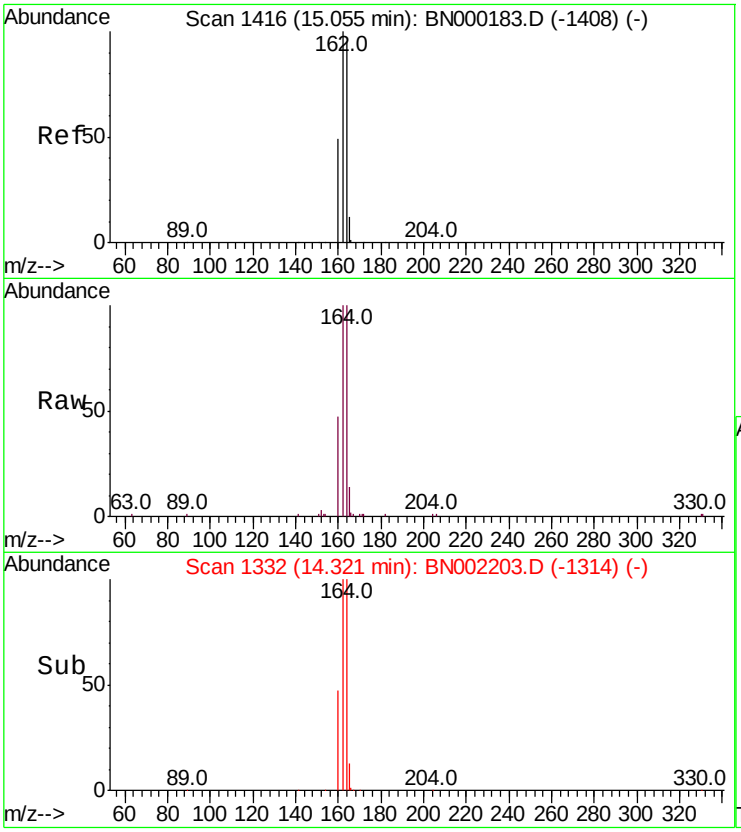


#11
2-Methylnaphthalene-d10
Concen: 0.034 ng
RT: 12.10 min Scan# 1051
Delta R.T. 0.04 min
Lab File: BN002203.D
Acq: 31 Jul 2018 09:48

Tgt Ion:152 Resp: 666

Ion	Ratio	Lower	Upper
152	100		
151	19.1	15.4	23.0



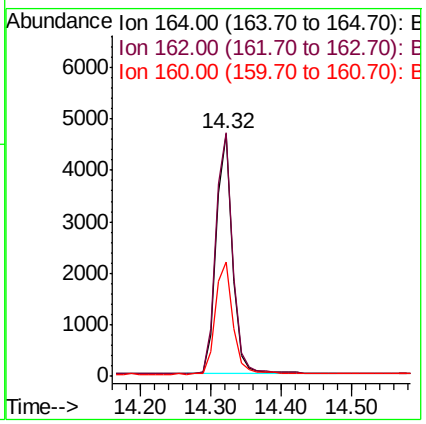


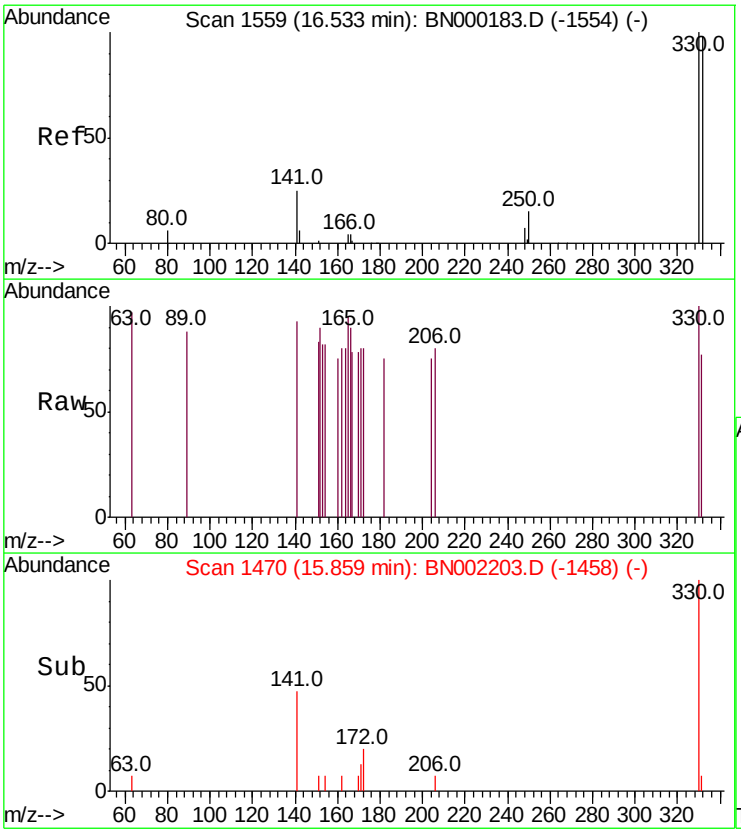
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.32 min Scan# 1332
Delta R.T. -0.00 min
Lab File: BN002203.D
Acq: 31 Jul 2018 09:48

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:164 Resp: 7731

Ion	Ratio	Lower	Upper
164	100		
162	100.2	83.1	124.7
160	47.3	37.1	55.7

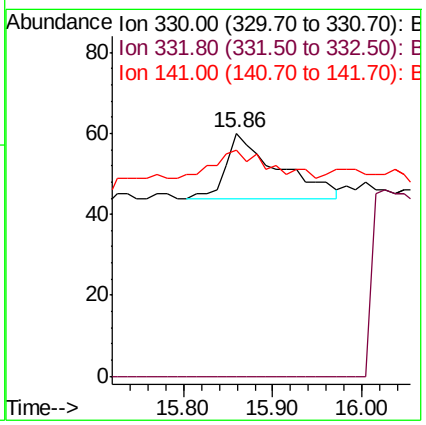


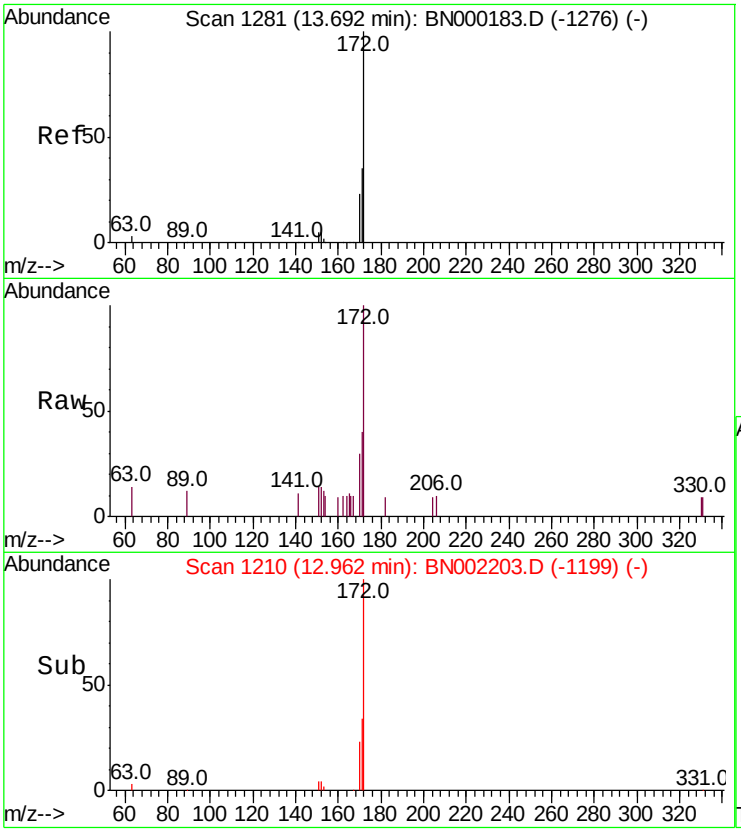


#14
2,4,6-Tribromophenol
Concen: 0.019 ng
RT: 15.86 min Scan# 1470
Delta R.T. 0.03 min
Lab File: BN002203.D
Acq: 31 Jul 2018 09:48

Tgt Ion:330 Resp: 64

Ion	Ratio	Lower	Upper
330	100		
332	0.0	152.7	229.1#
141	42.2	33.7	50.5



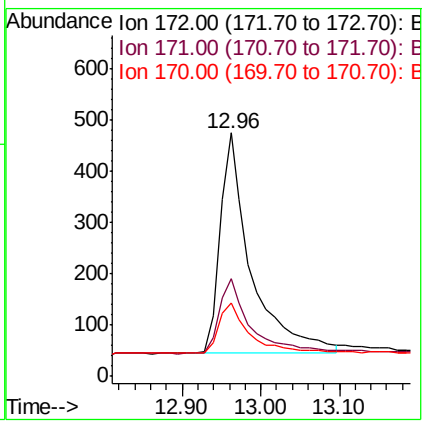


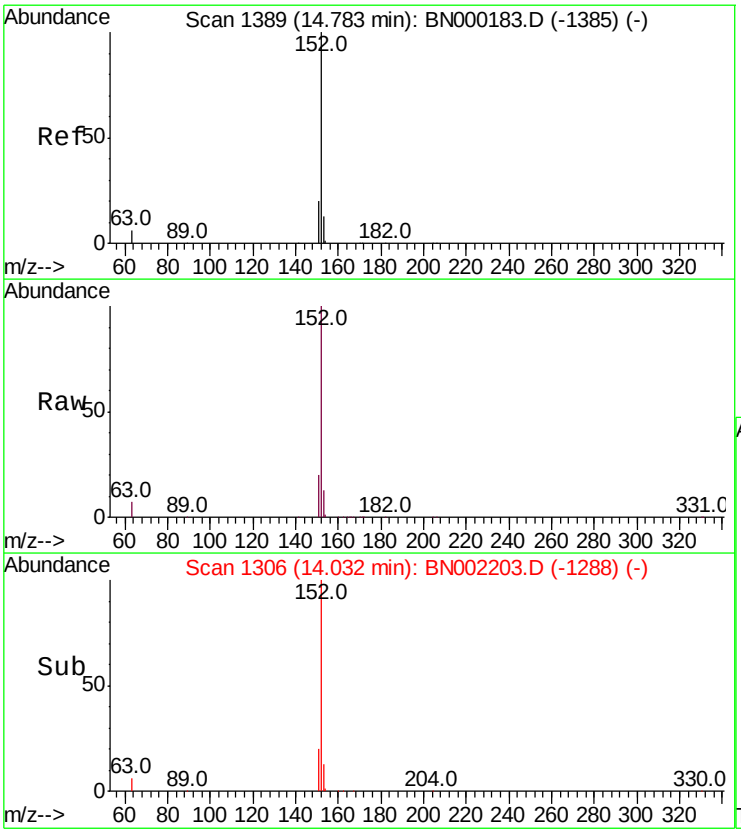
#15
2-Fluorobiphenyl
Concen: 0.040 ng
RT: 12.96 min Scan# 1210
Delta R.T. 0.02 min
Lab File: BN002203.D
Acq: 31 Jul 2018 09:48

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:172 Resp: 1180

Ion	Ratio	Lower	Upper
172	100		
171	40.1	29.9	44.9
170	30.4	21.8	32.8

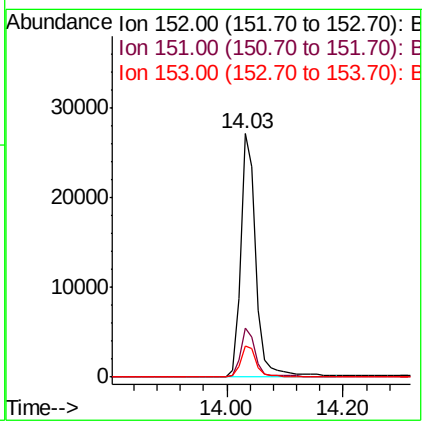


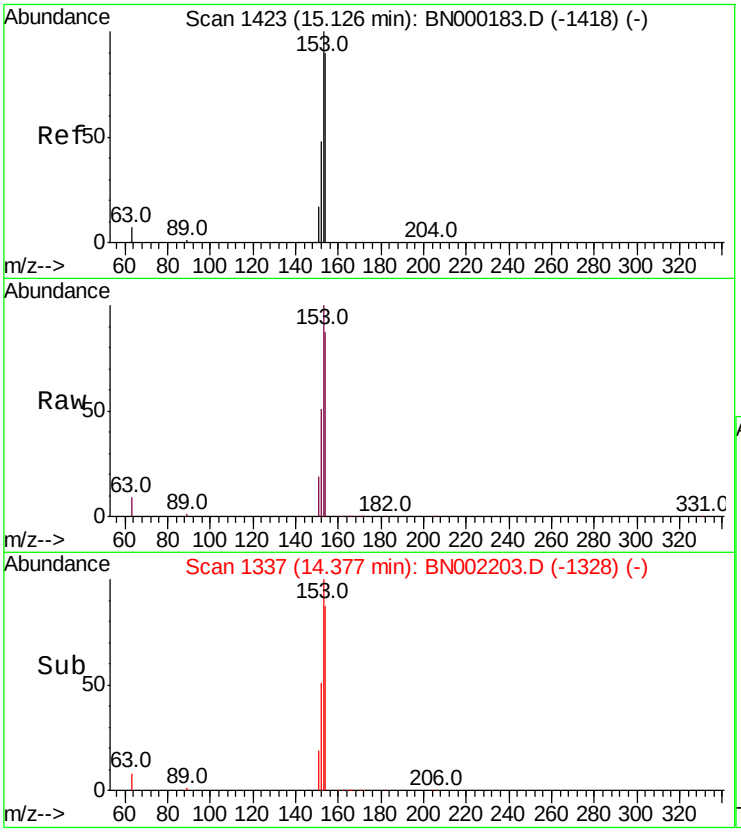


#16
Acenaphthylene
Concen: 1.488 ng
RT: 14.03 min Scan# 1306
Delta R.T. -0.00 min
Lab File: BN002203.D
Acq: 31 Jul 2018 09:48

Tgt Ion:152 Resp: 49161

Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.7	23.5
153	13.0	10.5	15.7



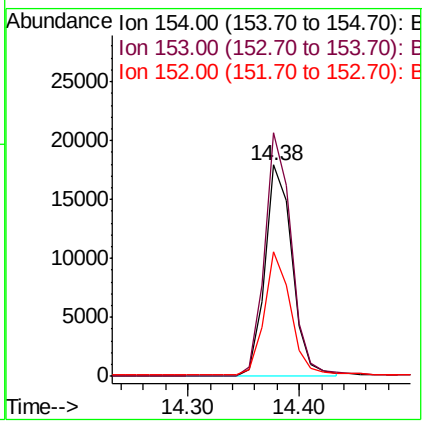


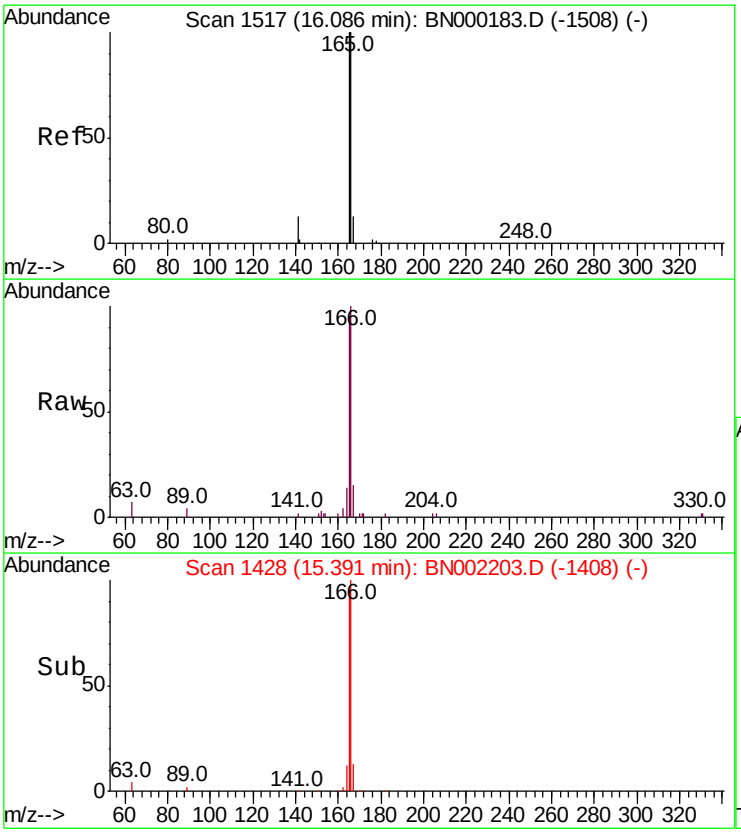
#17
Acenaphthene
Concen: 1.428 ng
RT: 14.38 min Scan# 1337
Delta R.T. -0.00 min
Lab File: BN002203.D
Acq: 31 Jul 2018 09:48

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:154 Resp: 30337

Ion	Ratio	Lower	Upper
154	100		
153	113.2	89.2	133.8
152	56.5	42.0	63.0

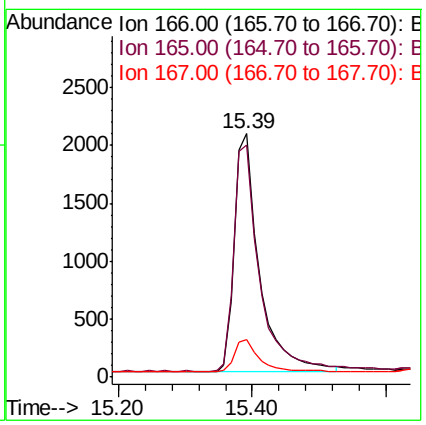


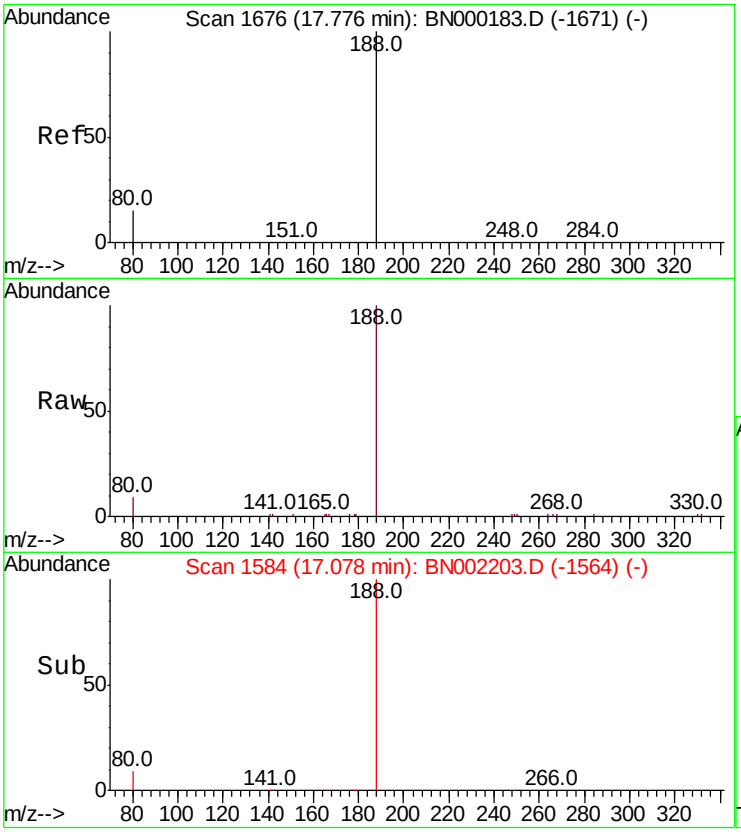


#18
Fluorene
Concen: 0.203 ng
RT: 15.39 min Scan# 1428
Delta R.T. 0.02 min
Lab File: BN002203.D
Acq: 31 Jul 2018 09:48

Tgt Ion:166 Resp: 5295

Ion	Ratio	Lower	Upper
166	100		
165	96.8	77.8	116.6
167	13.1	42.4	63.6#



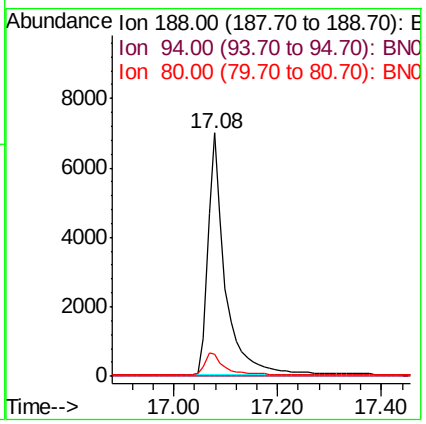


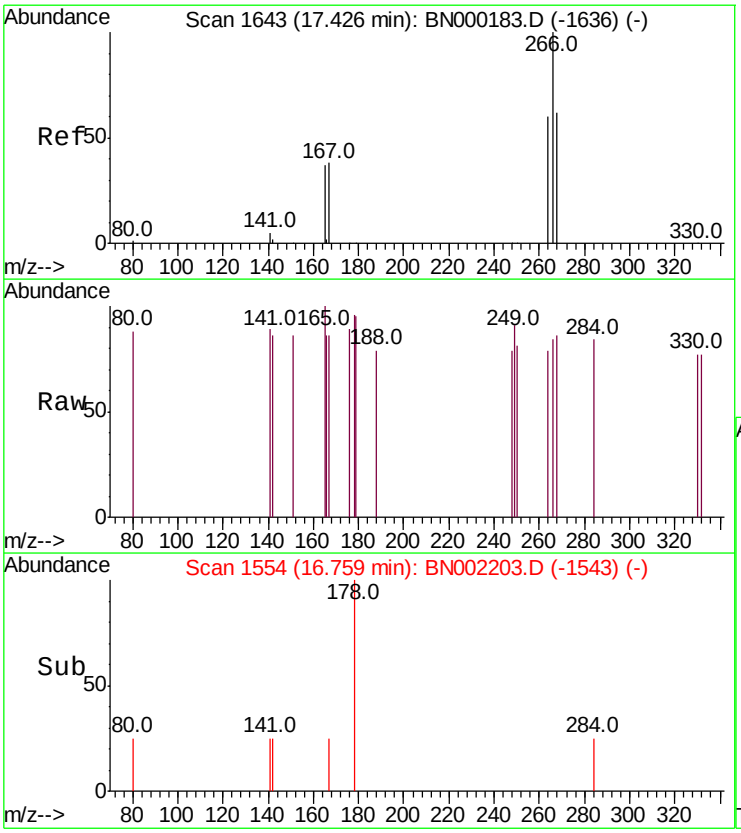
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.08 min Scan# 1584
Delta R.T. 0.01 min
Lab File: BN002203.D
Acq: 31 Jul 2018 09:48

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:188 Resp: 16216

Ion	Ratio	Lower	Upper
188	100		
94	0.0	3.9	5.9#
80	9.2	3.6	5.4#

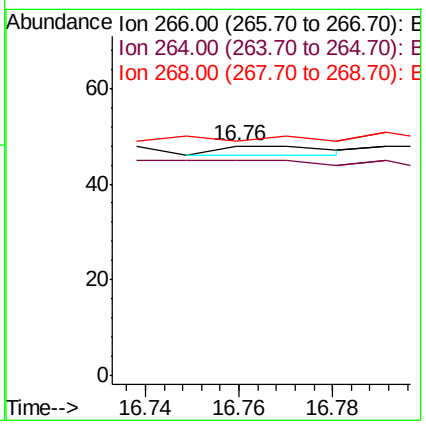


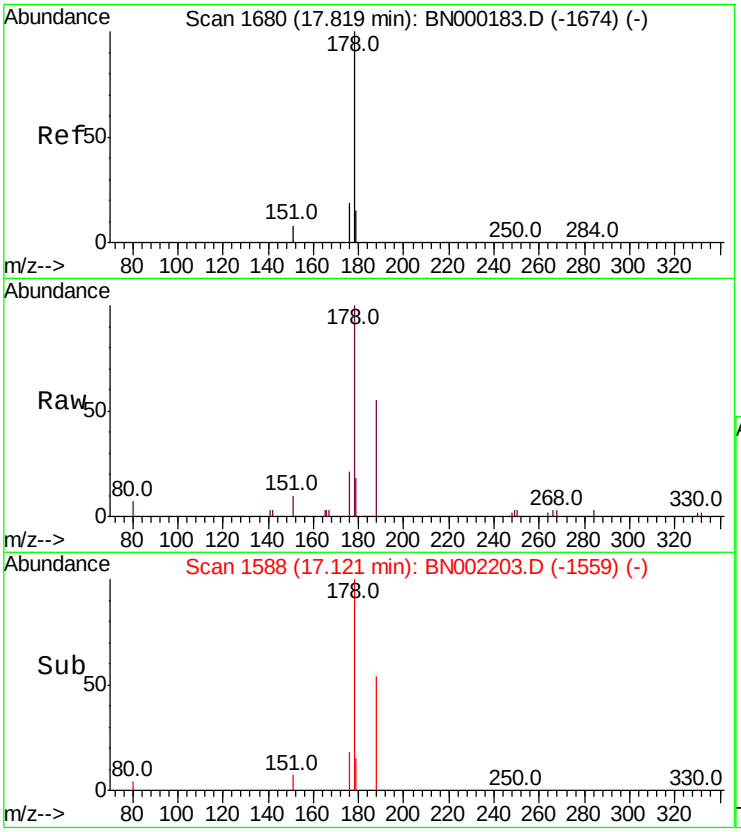


#22
Pentachlorophenol
Concen: 0.094 ng
RT: 16.76 min Scan# 1554
Delta R.T. 0.02 min
Lab File: BN002203.D
Acq: 31 Jul 2018 09:48

Tgt Ion:266 Resp: 3

Ion	Ratio	Lower	Upper
266	100		
264	93.8	48.0	72.0#
268	102.1	52.0	78.0#



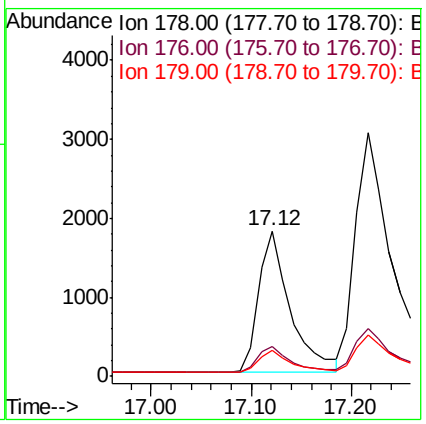


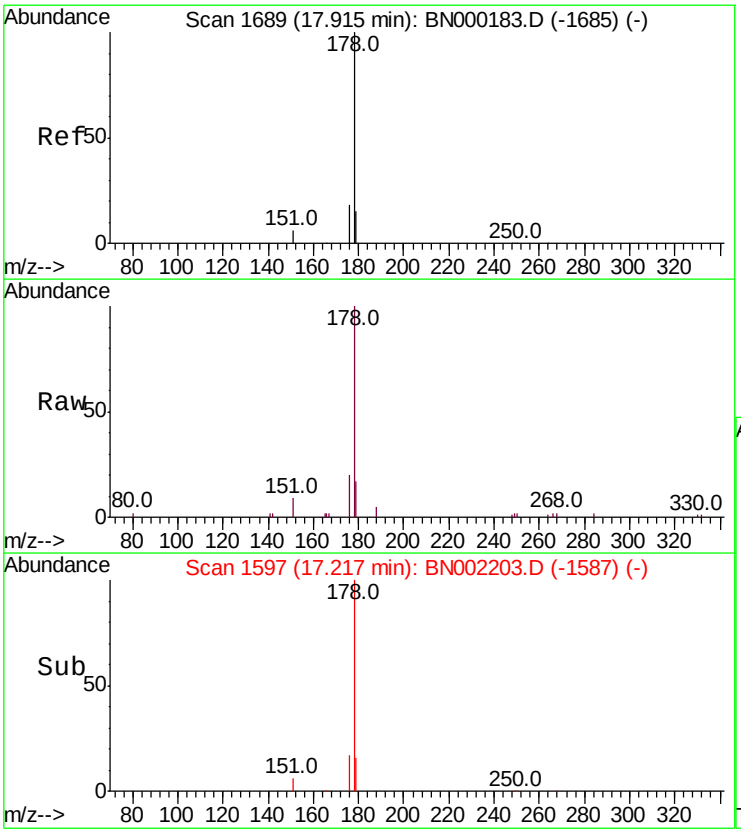
#23
Phenanthrene
Concen: 0.097 ng
RT: 17.12 min Scan# 1588
Delta R.T. 0.01 min
Lab File: BN002203.D
Acq: 31 Jul 2018 09:48

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 3931

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.1	22.7
179	15.5	11.8	17.6

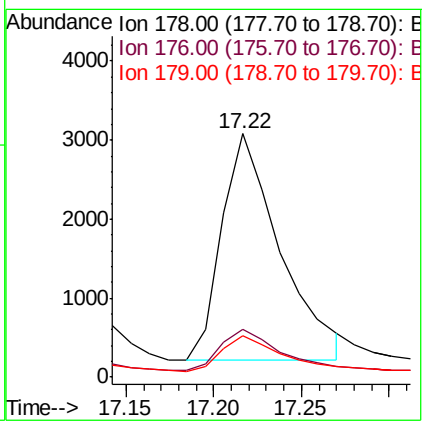


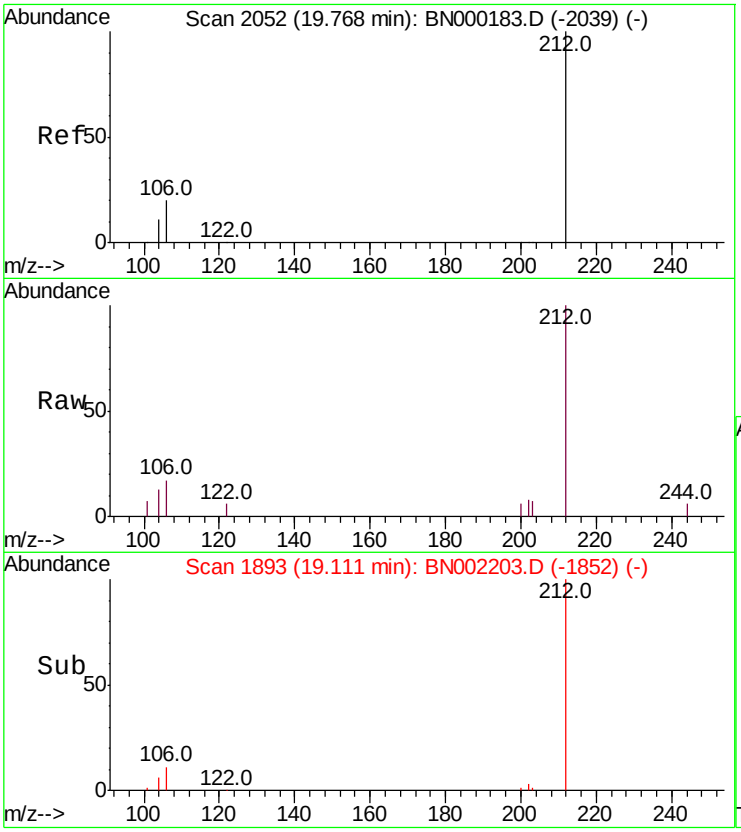


#24
Anthracene
Concen: 0.199 ng
RT: 17.22 min Scan# 1597
Delta R.T. 0.01 min
Lab File: BN002203.D
Acq: 31 Jul 2018 09:48

Tgt Ion:178 Resp: 6624

Ion	Ratio	Lower	Upper
178	100		
176	18.4	12.8	19.2
179	15.4	13.0	19.6



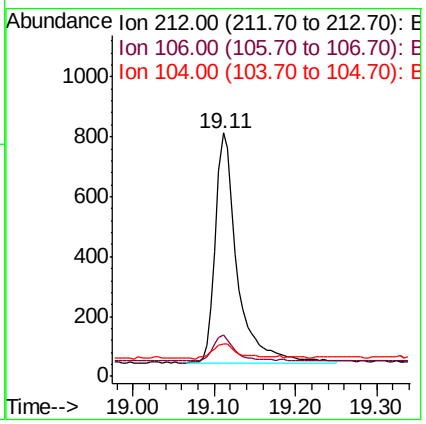


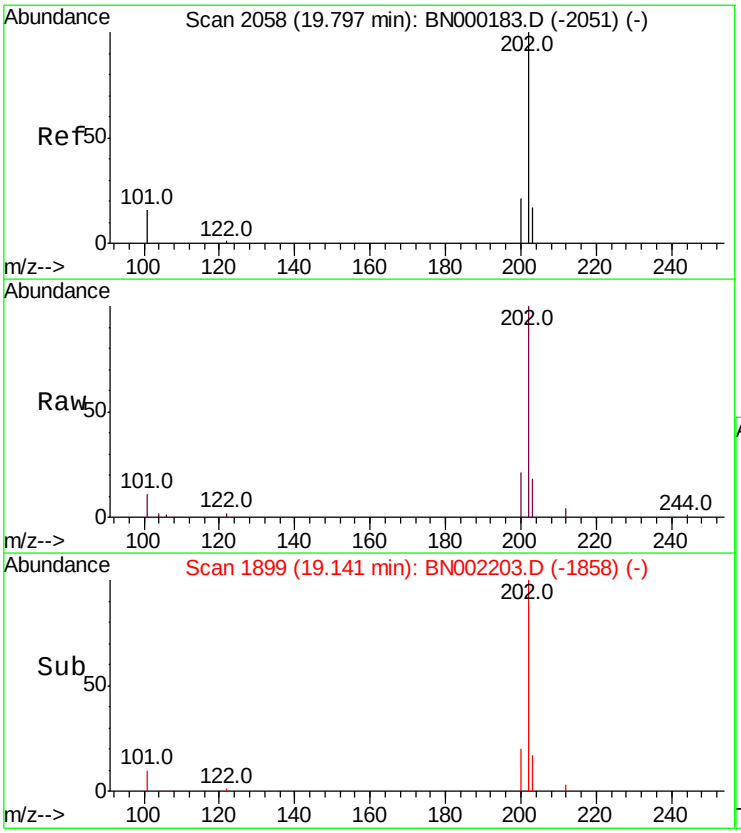
#25
Fluoranthene-d10
Concen: 0.036 ng
RT: 19.11 min Scan# 1893
Delta R.T. 0.00 min
Lab File: BN002203.D
Acq: 31 Jul 2018 09:48

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:212 Resp: 1429

Ion	Ratio	Lower	Upper
212	100		
106	11.1	2.8	4.2#
104	7.4	1.6	2.4#

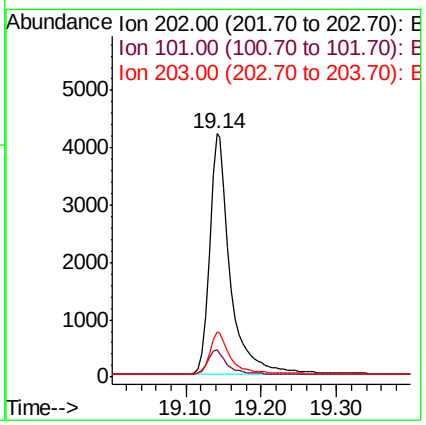


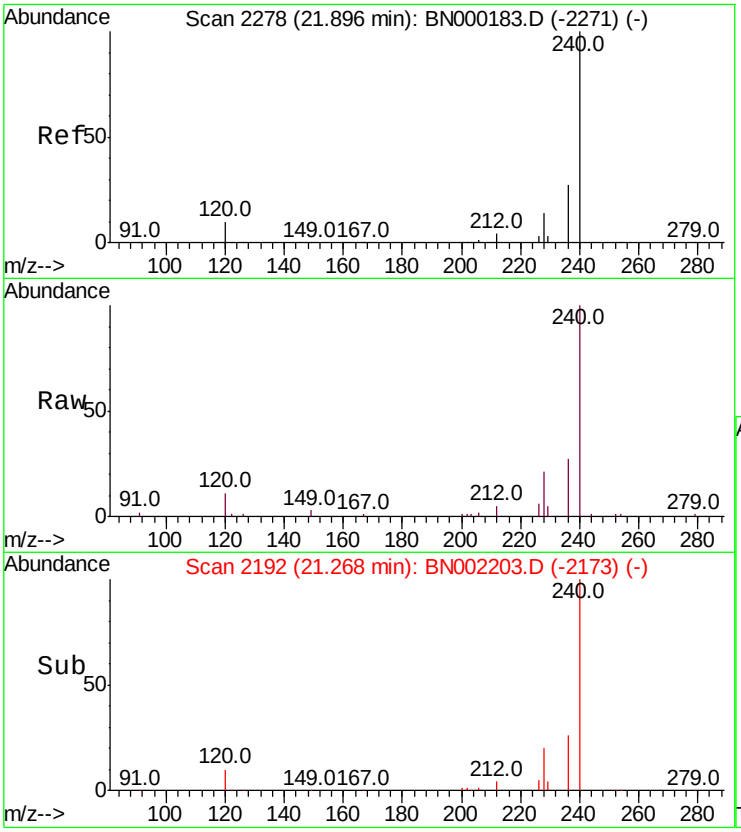


#26
Fluoranthene
Concen: 0.186 ng
RT: 19.14 min Scan# 1899
Delta R.T. 0.00 min
Lab File: BN002203.D
Acq: 31 Jul 2018 09:48

Tgt Ion:202 Resp: 8150

Ion	Ratio	Lower	Upper
202	100		
101	9.7	9.8	14.8#
203	17.3	13.7	20.5



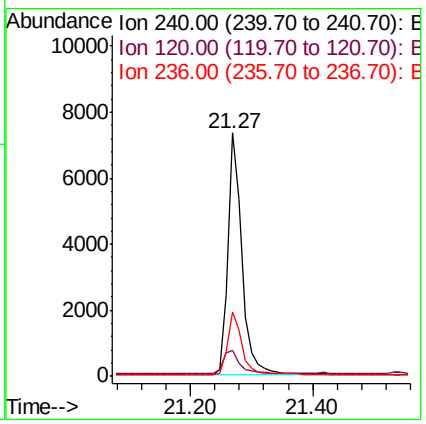


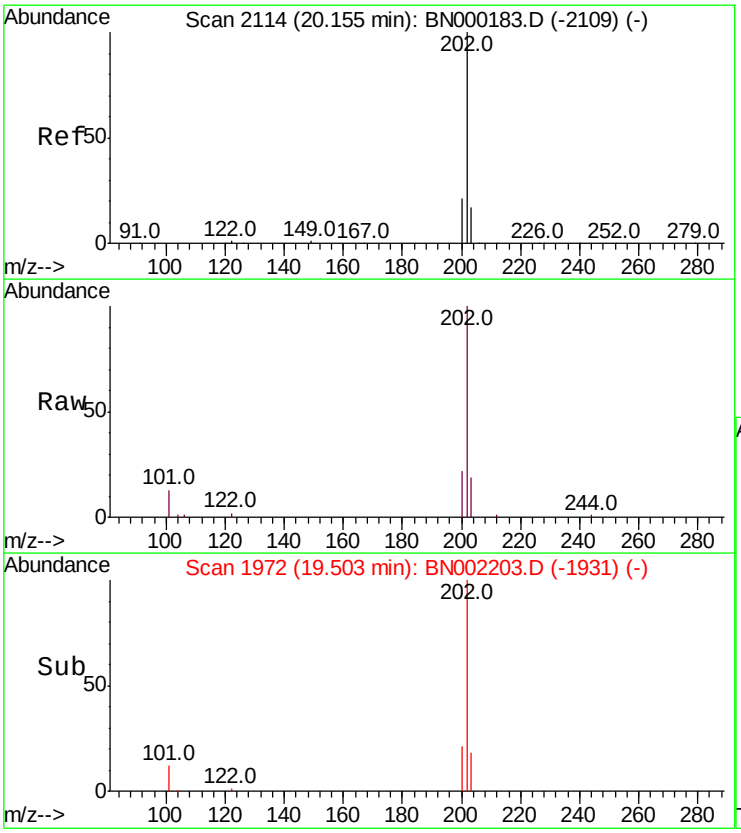
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.27 min Scan# 2192
Delta R.T. -0.00 min
Lab File: BN002203.D
Acq: 31 Jul 2018 09:48

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:240 Resp: 11871

Ion	Ratio	Lower	Upper
240	100		
120	10.9	5.5	8.3#
236	26.6	20.7	31.1

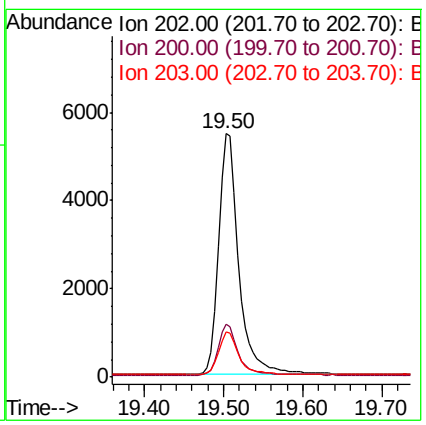


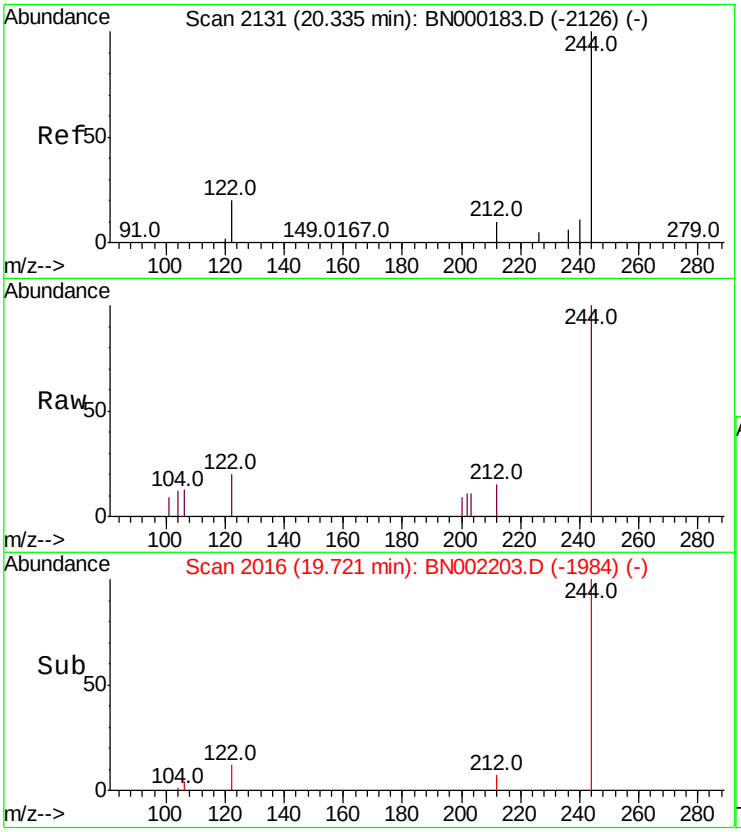


#28
Pyrene
Concen: 0.282 ng
RT: 19.50 min Scan# 1972
Delta R.T. 0.00 min
Lab File: BN002203.D
Acq: 31 Jul 2018 09:48

Tgt Ion:202 Resp: 9906

Ion	Ratio	Lower	Upper
202	100		
200	20.5	16.6	25.0
203	17.9	13.8	20.8



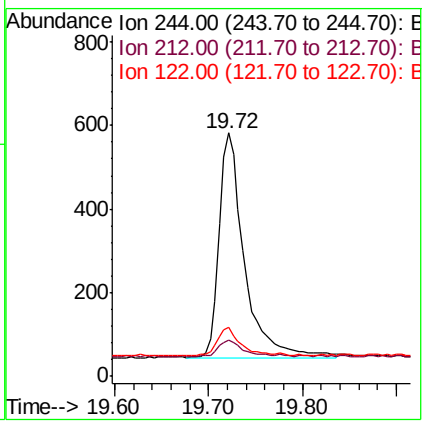


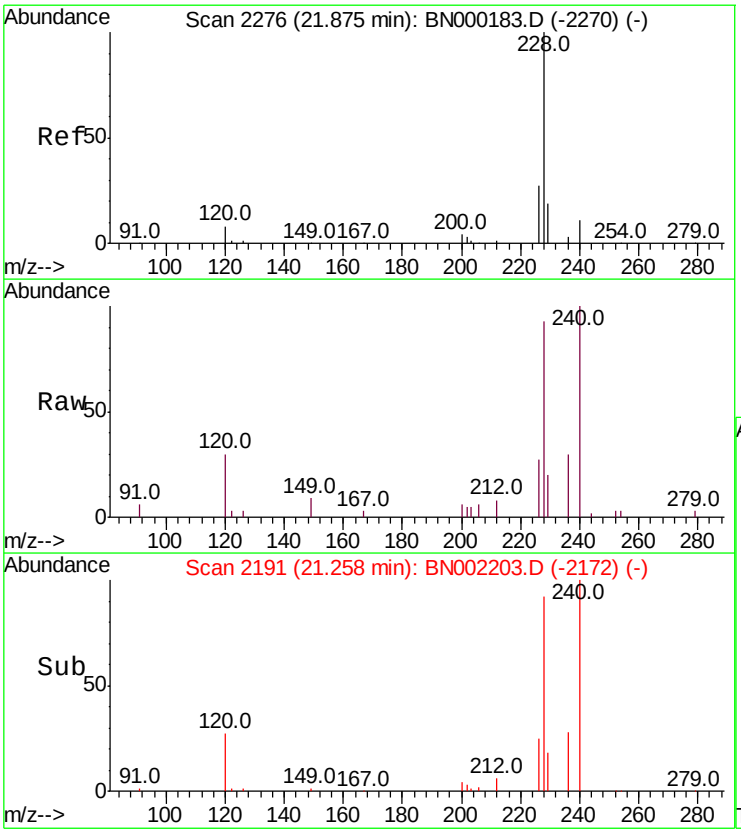
#29
Terphenyl-d14
Concen: 0.040 ng
RT: 19.72 min Scan# 2016
Delta R.T. 0.01 min
Lab File: BN002203.D
Acq: 31 Jul 2018 09:48

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:244 Resp: 1006

Ion	Ratio	Lower	Upper
244	100		
212	14.9	25.4	38.0#
122	20.1	8.1	12.1#

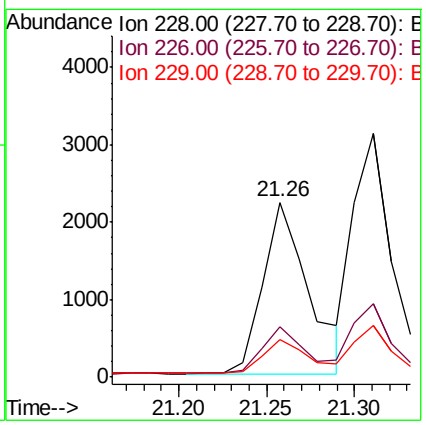


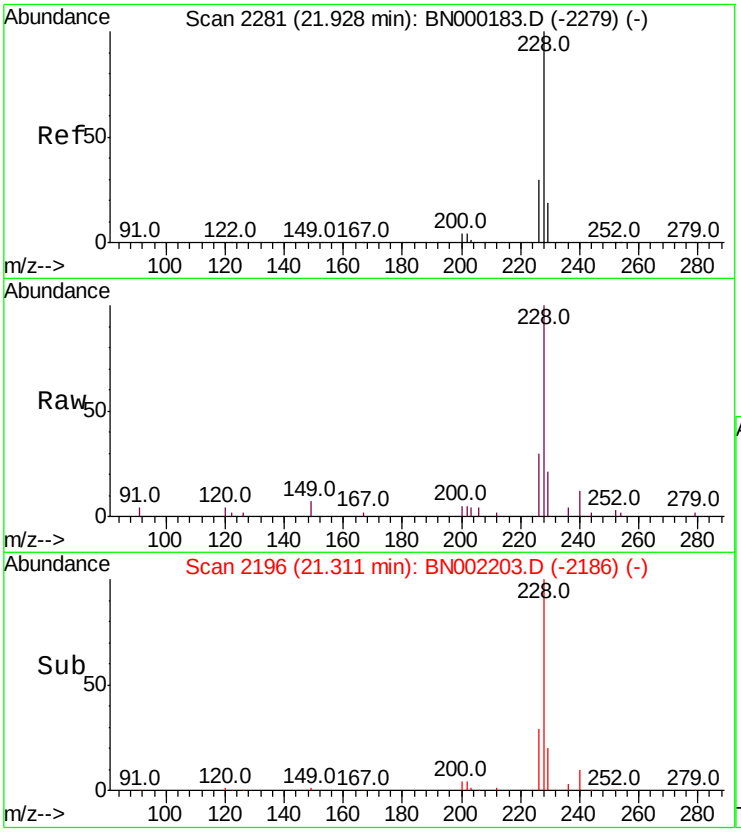


#30
Benzo(a)anthracene
Concen: 0.133 ng
RT: 21.26 min Scan# 2191
Delta R.T. -0.00 min
Lab File: BN002203.D
Acq: 31 Jul 2018 09:48

Tgt Ion:228 Resp: 3975

Ion	Ratio	Lower	Upper
228	100		
226	28.8	24.0	36.0
229	21.7	16.0	24.0



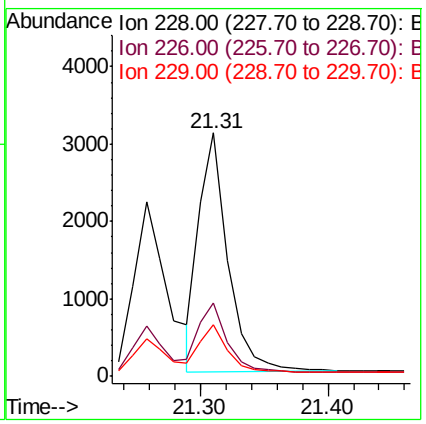


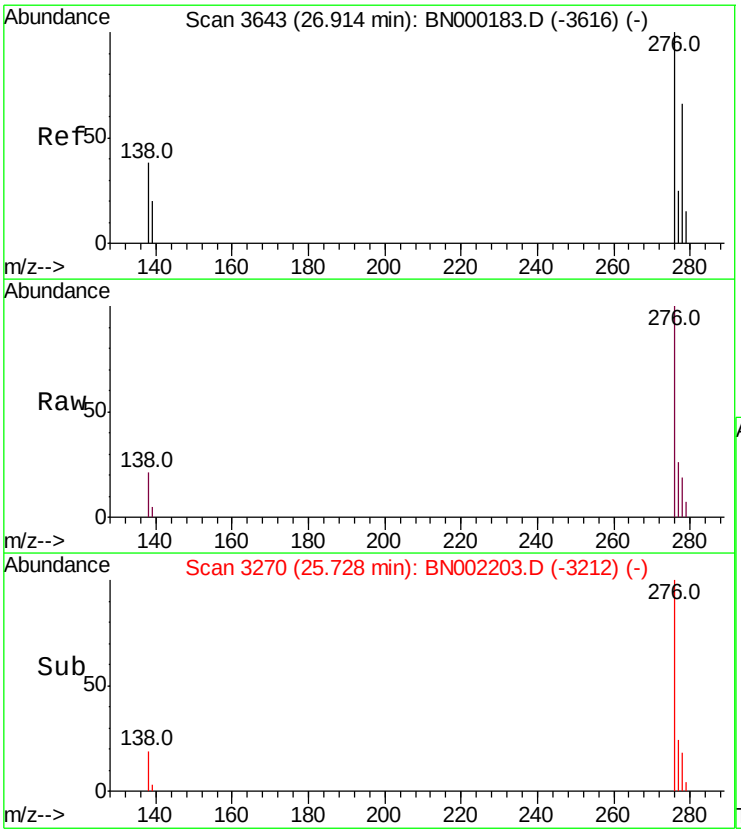
#31
Chrysene
Concen: 0.144 ng
RT: 21.31 min Scan# 2196
Delta R.T. 0.01 min
Lab File: BN002203.D
Acq: 31 Jul 2018 09:48

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 4829

Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.0	36.0
229	21.0	16.0	24.0

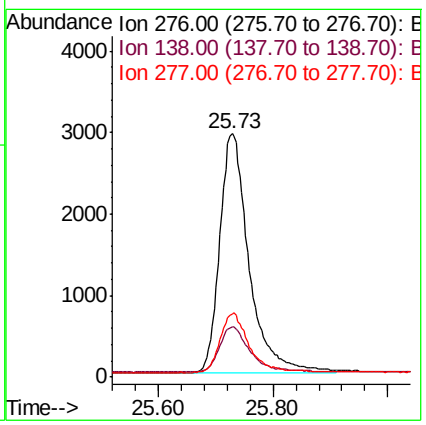


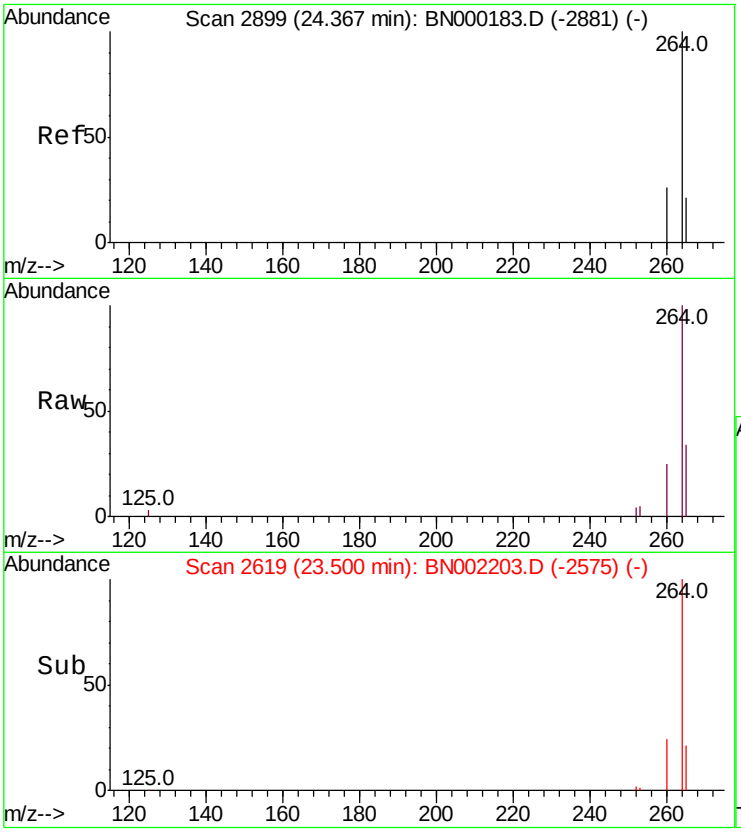


#33
Indeno(1,2,3-cd)pyrene
Concen: 0.332 ng
RT: 25.73 min Scan# 3270
Delta R.T. -0.00 min
Lab File: BN002203.D
Acq: 31 Jul 2018 09:48

Tgt Ion:276 Resp: 10470

Ion	Ratio	Lower	Upper
276	100		
138	19.3	22.5	33.7#
277	24.2	19.9	29.9



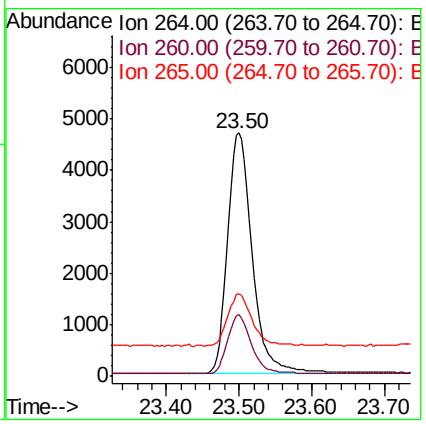


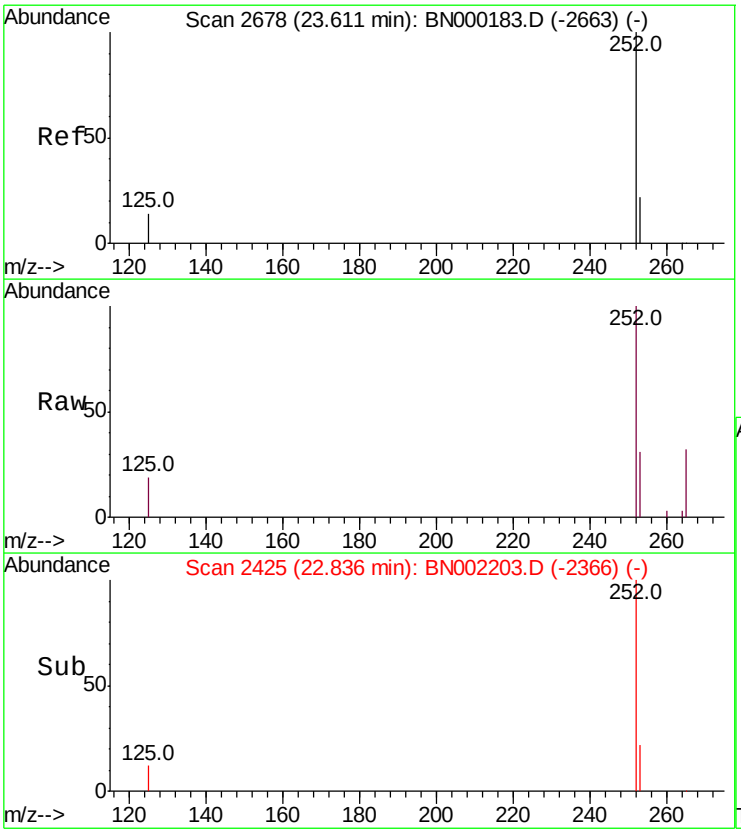
#34
Perylene-d12
Concen: 0.400 ng
RT: 23.50 min Scan# 2619
Delta R.T. -0.00 min
Lab File: BN002203.D
Acq: 31 Jul 2018 09:48

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:264 Resp: 10908

Ion	Ratio	Lower	Upper
264	100		
260	25.2	20.5	30.7
265	33.7	22.8	34.2

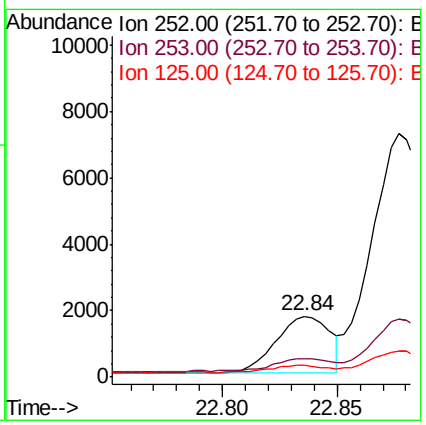


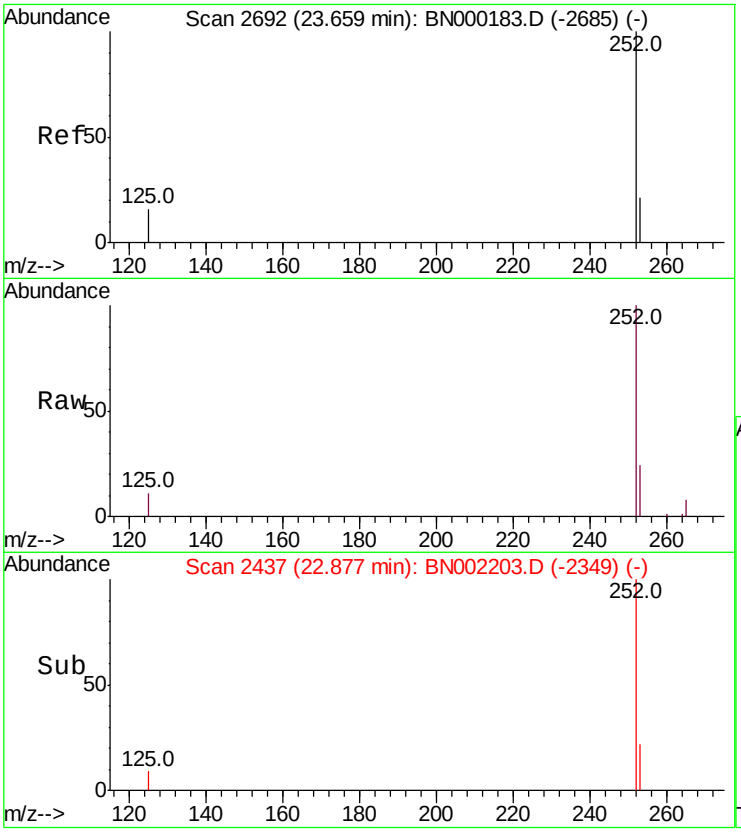


#35
Benzo(b)fluoranthene
Concen: 0.088 ng
RT: 22.84 min Scan# 2425
Delta R.T. 0.00 min
Lab File: BN002203.D
Acq: 31 Jul 2018 09:48

Tgt Ion:252 Resp: 2823

Ion	Ratio	Lower	Upper
252	100		
253	30.8	20.0	30.0#
125	19.0	16.0	24.0



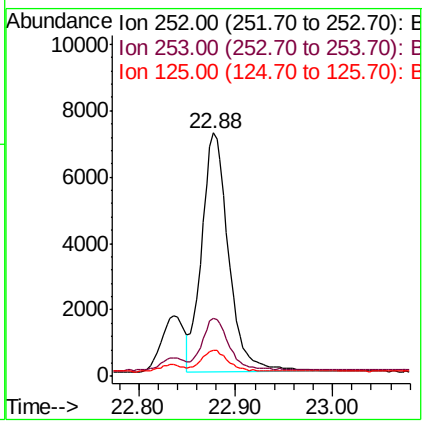


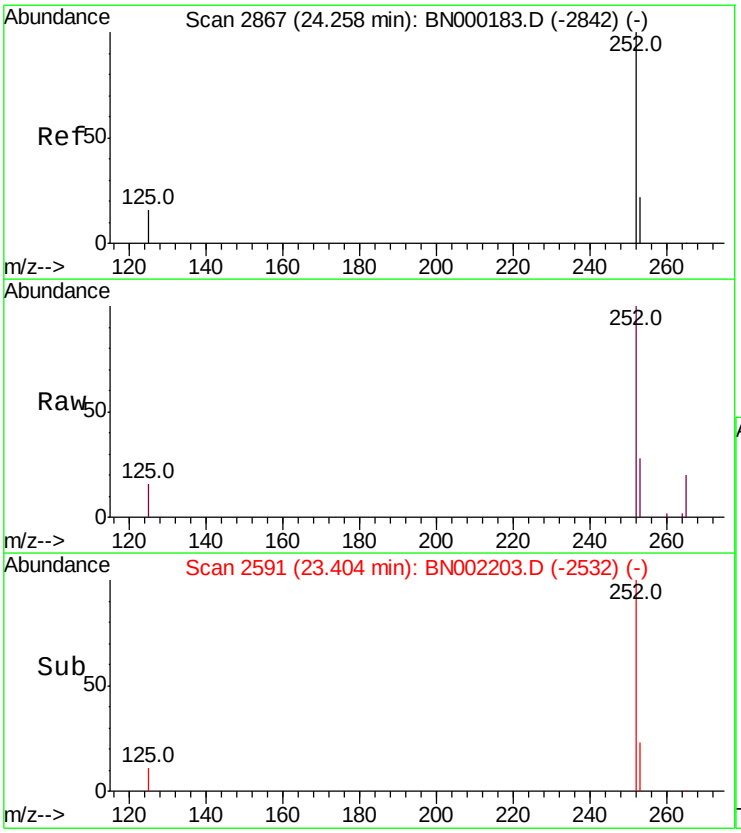
#36
Benzo(k)fluoranthene
Concen: 0.415 ng
RT: 22.88 min Scan# 2437
Delta R.T. -0.00 min
Lab File: BN002203.D
Acq: 31 Jul 2018 09:48

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 13829

Ion	Ratio	Lower	Upper
252	100		
253	23.8	16.0	24.0
125	10.8	8.0	12.0

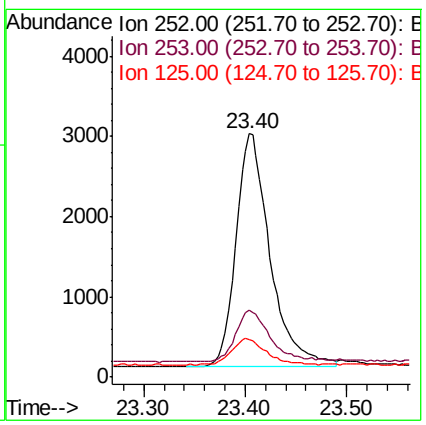


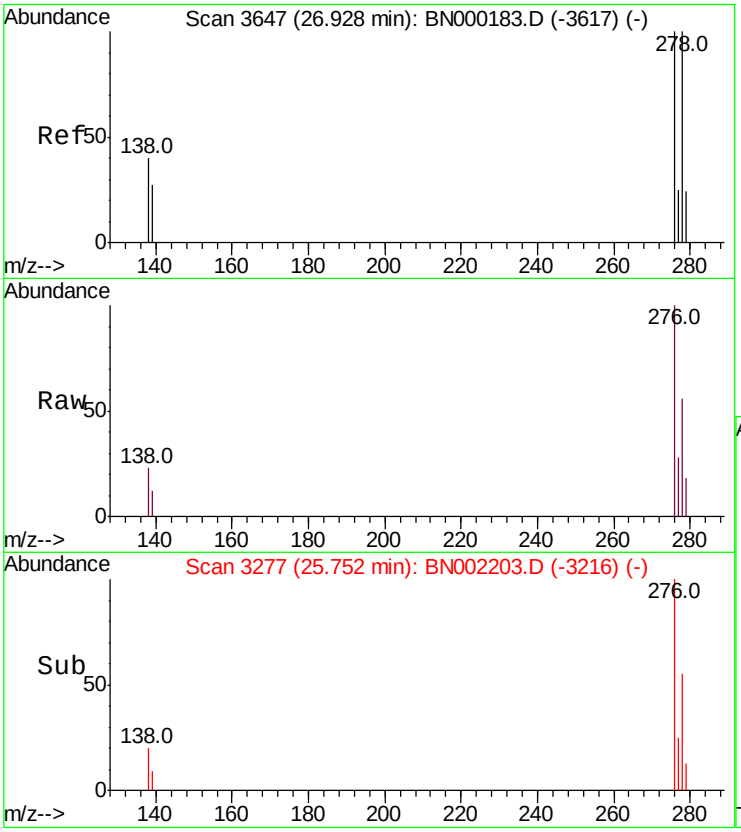


#37
Benzo(a)pyrene
Concen: 0.235 ng
RT: 23.40 min Scan# 2591
Delta R.T. 0.00 min
Lab File: BN002203.D
Acq: 31 Jul 2018 09:48

Tgt Ion:252 Resp: 6834

Ion	Ratio	Lower	Upper
252	100		
253	27.7	16.0	24.0#
125	15.5	12.0	18.0



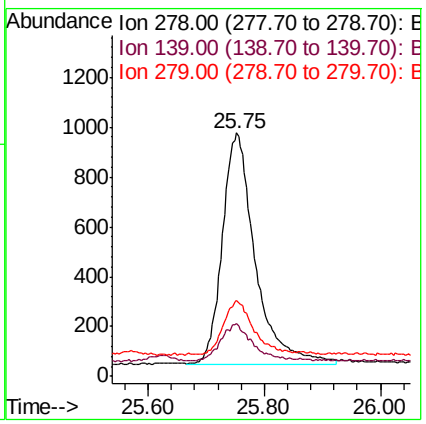


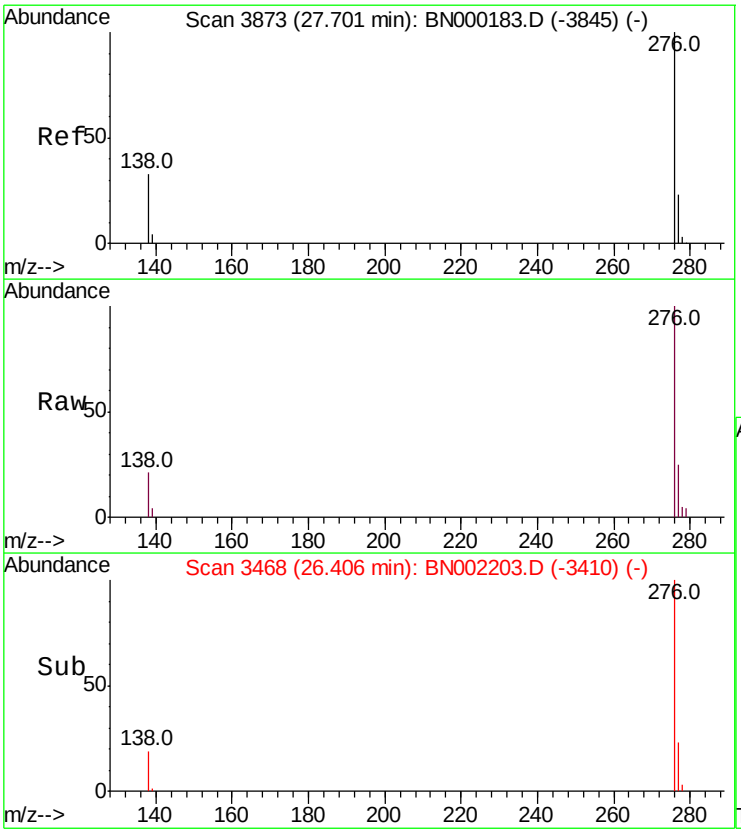
#38
Dibenzo(a,h)anthracene
Concen: 0.128 ng
RT: 25.75 min Scan# 3277
Delta R.T. 0.01 min
Lab File: BN002203.D
Acq: 31 Jul 2018 09:48

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:278 Resp: 3623

Ion	Ratio	Lower	Upper
278	100		
139	21.5	16.0	24.0
279	31.1	20.0	30.0#





#39
Benzo(g,h,i)perylene
Concen: 0.270 ng
RT: 26.41 min Scan# 3468
Delta R.T. -0.00 min
Lab File: BN002203.D
Acq: 31 Jul 2018 09:48

Tgt Ion:276 Resp: 7792

Ion	Ratio	Lower	Upper
276	100		
277	25.2	16.0	24.0#
138	21.2	20.0	30.0