Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031422\
Data File : BN018934.D
Acq On : 14 Mar 2022 13:56
Operator : CG/JU
Sample : PB143270BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB143270BL

Quant Time: Mar 14 15:14:56 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN031222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 11 23:19:11 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.890	152	8230	0.400	ng	0.00
7) Naphthalene-d8	10.701	136	19916	0.400	ng	# 0.00
13) Acenaphthene-d10	14.527	164	10964	0.400	ng	0.00
19) Phenanthrene-d10	17.267	188	24705	0.400	ng	0.00
29) Chrysene-d12	21.449	240	20536	0.400	ng	# 0.00
35) Perylene-d12	23.840	264	19062	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.449	112	5907	0.285	ng	0.00
5) Phenol-d6	7.053	99	6237	0.258	ng	0.00
8) Nitrobenzene-d5	9.046	82	4218	0.255	ng	0.00
11) 2-Methylnaphthalene-d10	12.287	152	8845	0.269	ng	0.00
14) 2,4,6-Tribromophenol	16.015	330	1002	0.175	ng	0.00
15) 2-Fluorobiphenyl	13.159	172	13816	0.289	ng	0.00
27) Fluoranthene-d10	19.299	212	21025	0.301	ng	0.00
31) Terphenyl-d14	19.893	244	13715	0.301	ng	0.00
Target Compounds						Qvalue
3) n-Nitrosodimethylamine	3.637	42	48	0.004	ng	# 30
6) bis(2-Chloroethyl)ether	7.305	93	38	0.002	ng	# 92
9) Naphthalene	10.744	128	73	0.001	ng	# 1
10) Hexachlorobutadiene	11.053	225	13	0.001	ng	# 77
12) 2-Methylnaphthalene	12.359	142	29	0.001	ng	# 57
16) Acenaphthylene	14.249	152	58	0.001	ng	# 70
17) Acenaphthene	14.591	154	33	0.001	ng	# 69
18) Fluorene	15.575	166	53	0.001	ng	# 82
21) 4-Bromophenyl-phenylether	16.467	248	12	0.001	ng	# 58
22) Hexachlorobenzene	16.590	284	38	0.002	ng	# 1
23) Atrazine	16.733	200	6	0.001	ng	# 1
24) Pentachlorophenol	16.959	266	27	0.005	ng	# 51
25) Phenanthrene	17.308	178	298	0.004	ng	# 78
26) Anthracene	17.410	178	51	0.001	ng	# 73
28) Fluoranthene	19.329	202	142	0.002	ng	# 94
30) Pyrene	19.691	202	127	0.001	ng	# 84
32) Benzo(a)anthracene	21.440	228	228	0.003	ng	# 54
33) Chrysene	21.485	228	227	0.003	ng	# 60
34) Bis(2-ethylhexyl)phtha...	21.360	149	503	0.014	ng	# 97
36) Indeno(1,2,3-cd)pyrene	26.334	276	210	0.002	ng	# 52
37) Benzo(b)fluoranthene	23.118	252	265	0.003	ng	# 1
38) Benzo(k)fluoranthene	23.165	252	219	0.003	ng	# 1
39) Benzo(a)pyrene	23.735	252	203	0.003	ng	# 1
40) Dibenzo(a,h)anthracene	26.360	278	184	0.003	ng	# 1
41) Benzo(g,h,i)perylene	27.082	276	254	0.003	ng	# 13

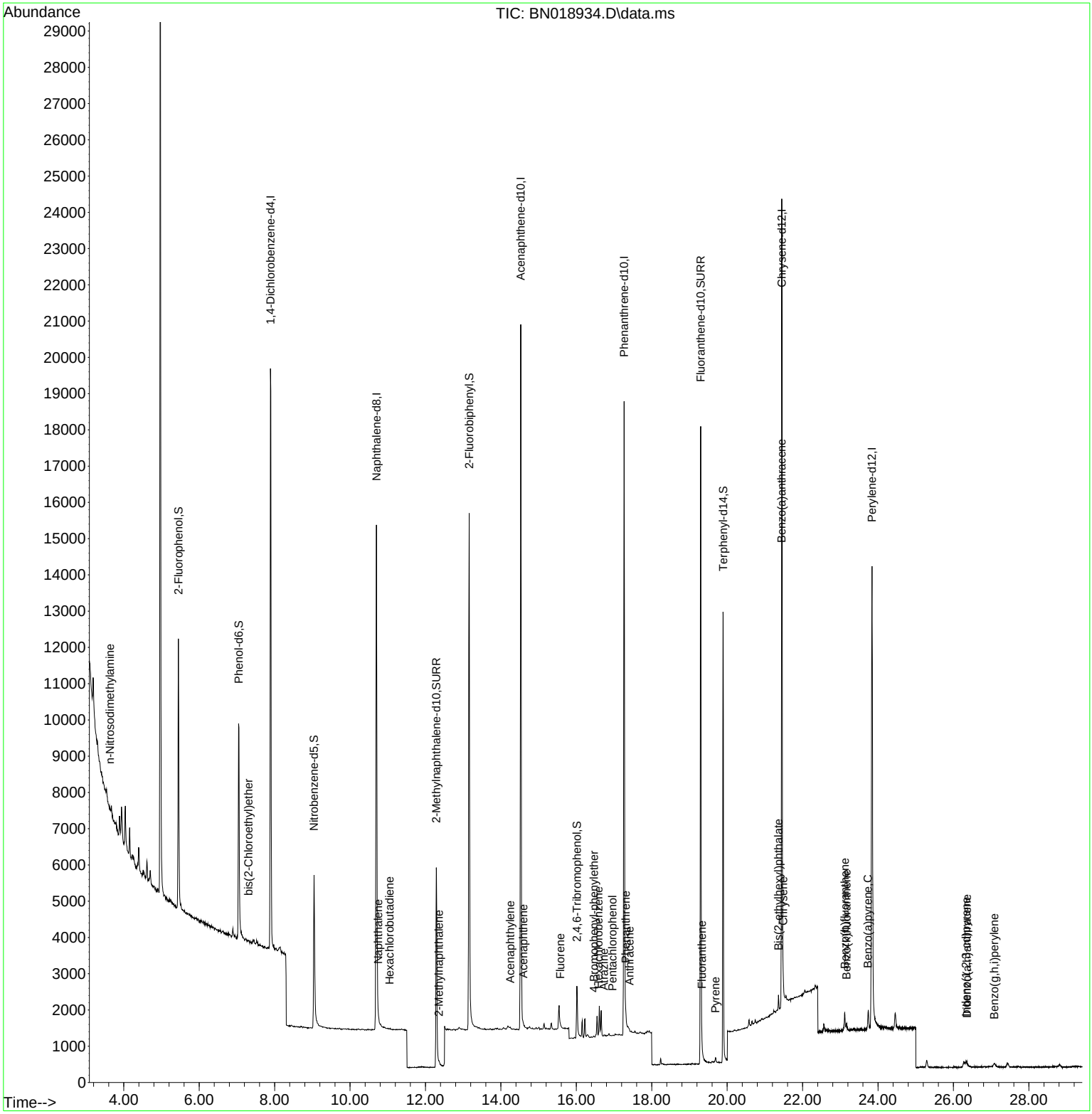
(#) = qualifier out of range (m) = manual integration (+) = signals summed

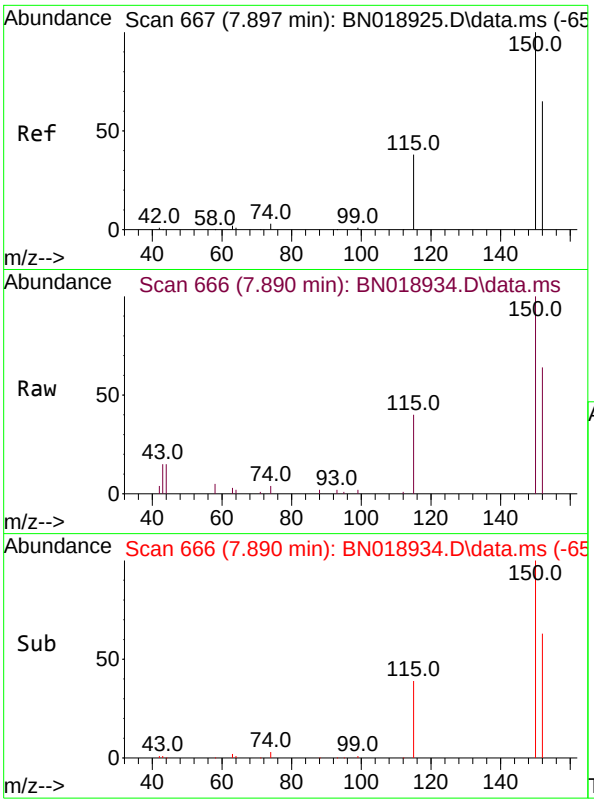
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031422\
Data File : BN018934.D
Acq On : 14 Mar 2022 13:56
Operator : CG/JU
Sample : PB143270BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB143270BL

Quant Time: Mar 14 15:14:56 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN031222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 11 23:19:11 2022
Response via : Initial Calibration



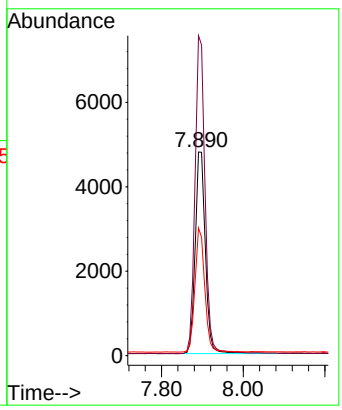


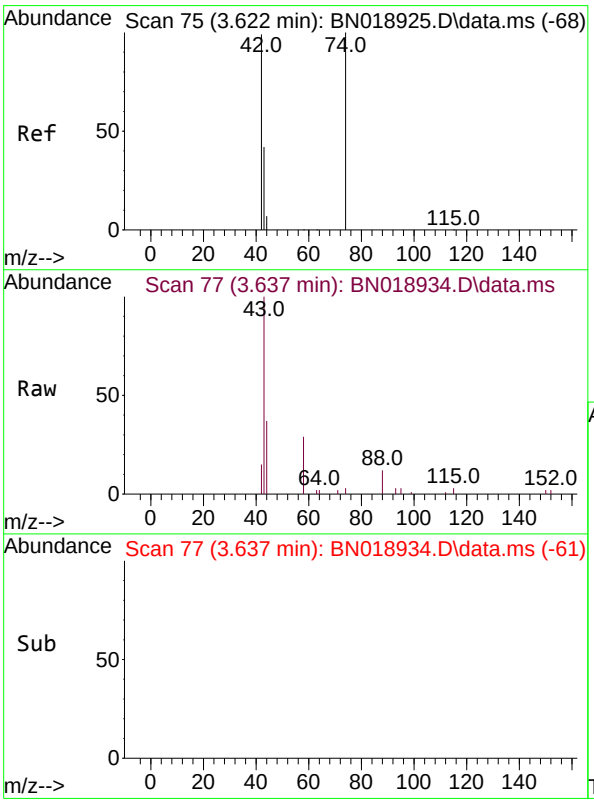
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.890 min Scan# 6
Delta R.T. -0.007 min
Lab File: BN018934.D
Acq: 14 Mar 2022 13:56

Instrument :
BNA_N
ClientSampleId :
PB143270BL

Tgt Ion:152 Resp: 8230

Ion	Ratio	Lower	Upper
152	100		
150	157.1	123.9	185.9
115	62.7	48.2	72.4

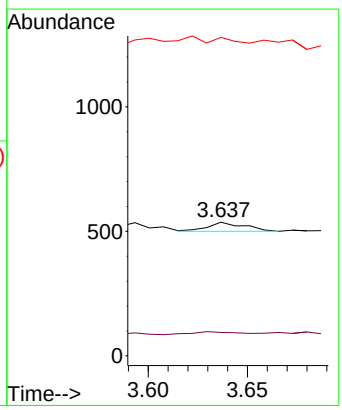


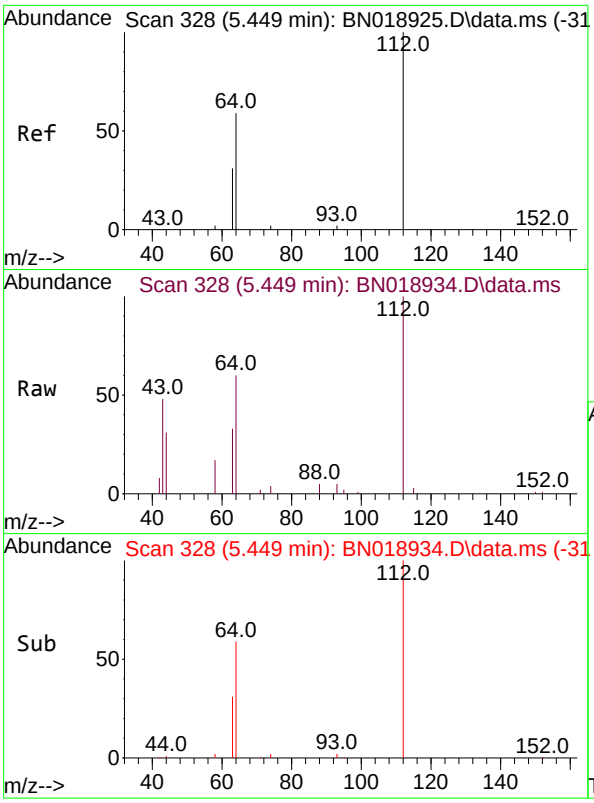


#3
n-Nitrosodimethylamine
Concen: 0.004 ng
RT: 3.637 min Scan# 77
Delta R.T. 0.015 min
Lab File: BN018934.D
Acq: 14 Mar 2022 13:56

Tgt Ion: 42 Resp: 48

Ion	Ratio	Lower	Upper
42	100		
74	39.6	96.9	145.3#
44	0.0	7.3	10.9#



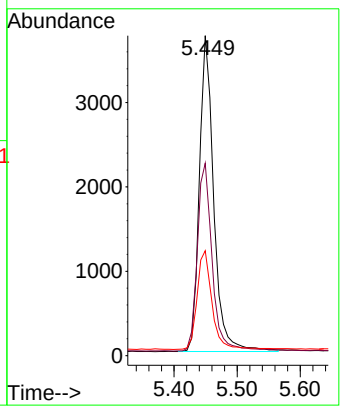


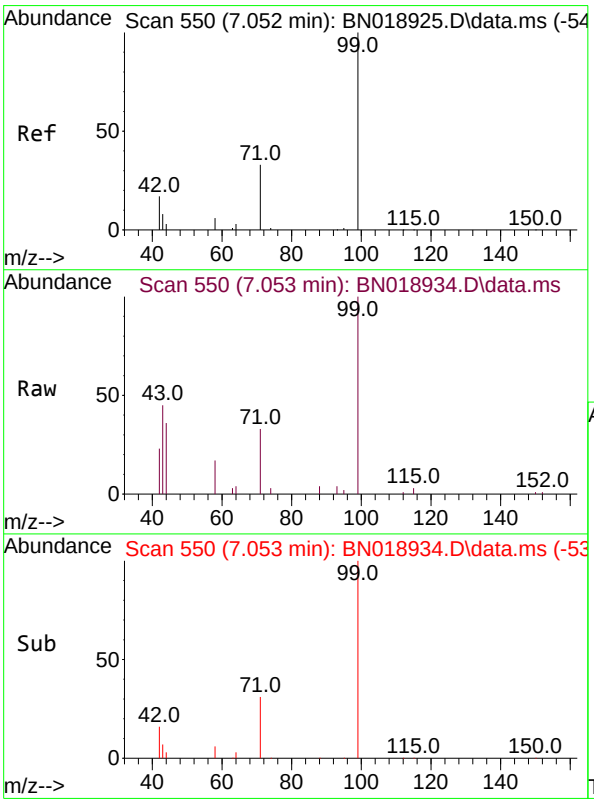
#4
2-Fluorophenol
Concen: 0.285 ng
RT: 5.449 min Scan# 3
Delta R.T. 0.000 min
Lab File: BN018934.D
Acq: 14 Mar 2022 13:56

Instrument :
BNA_N
ClientSampleId :
PB143270BL

Tgt Ion:112 Resp: 5907

Ion	Ratio	Lower	Upper
112	100		
64	61.7	47.8	71.8
63	32.6	25.7	38.5

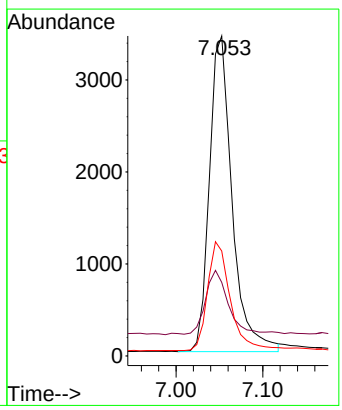


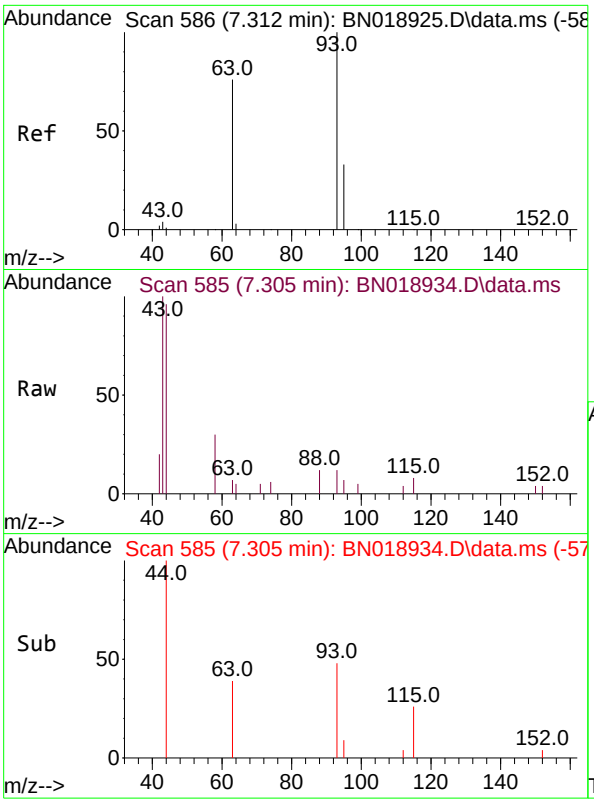


#5
Phenol-d6
Concen: 0.258 ng
RT: 7.053 min Scan# 550
Delta R.T. 0.000 min
Lab File: BN018934.D
Acq: 14 Mar 2022 13:56

Tgt Ion: 99 Resp: 6237

Ion	Ratio	Lower	Upper
99	100		
42	20.9	16.2	24.4
71	34.5	27.7	41.5



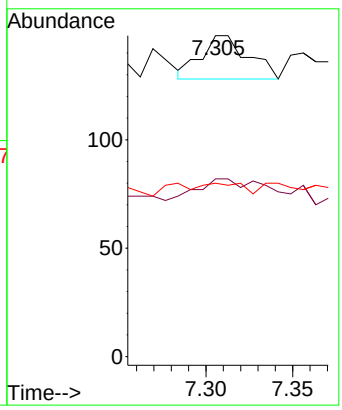


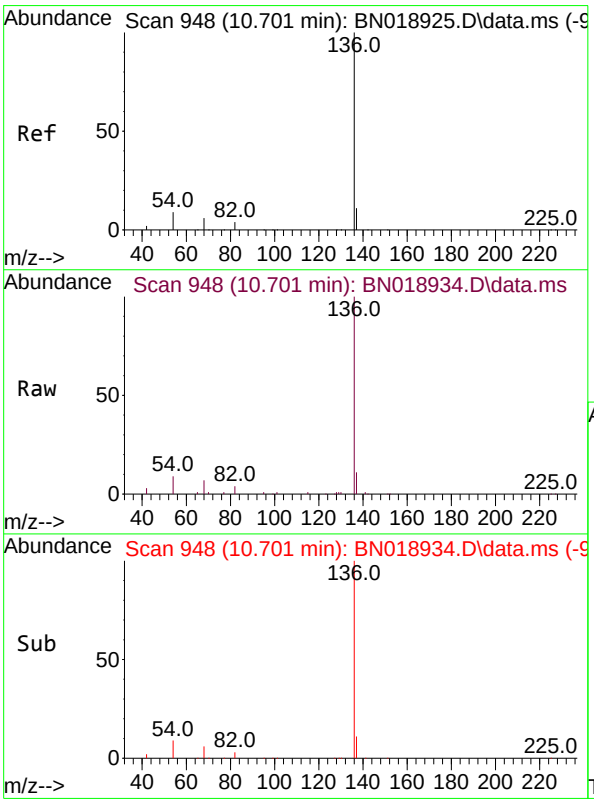
#6
bis(2-Chloroethyl)ether
Concen: 0.002 ng
RT: 7.305 min Scan# 5
Delta R.T. -0.007 min
Lab File: BN018934.D
Acq: 14 Mar 2022 13:56

Instrument :
BNA_N
ClientSampleId :
PB143270BL

Tgt Ion: 93 Resp: 38

Ion	Ratio	Lower	Upper
93	100		
63	76.3	62.8	94.2
95	21.1	26.2	39.4#

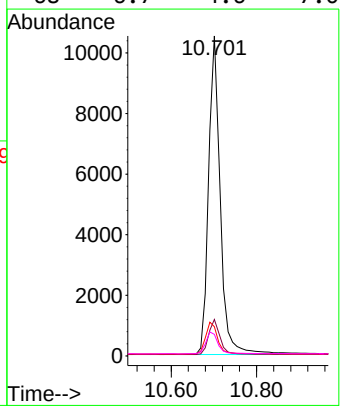


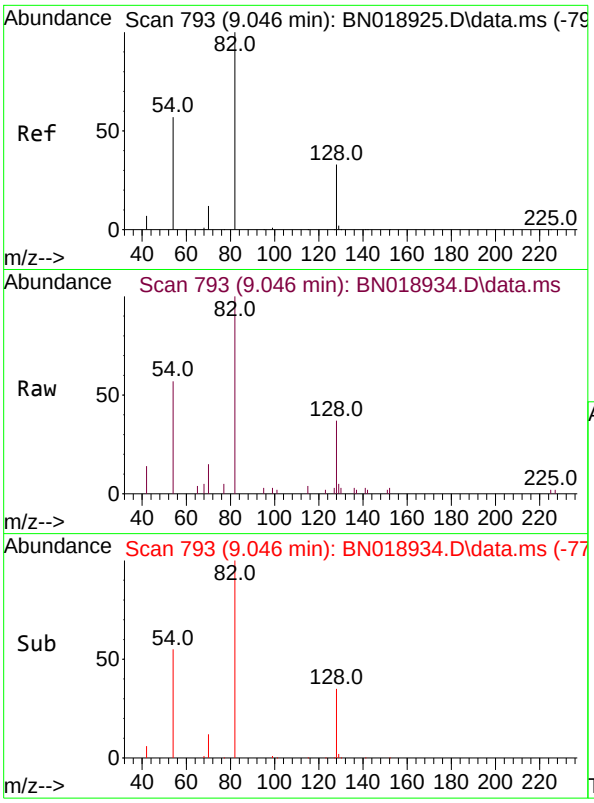


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.701 min Scan# 948
Delta R.T. 0.000 min
Lab File: BN018934.D
Acq: 14 Mar 2022 13:56

Tgt Ion:136 Resp: 19916

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.0	13.4
54	9.2	5.8	8.6#
68	6.7	4.6	7.0



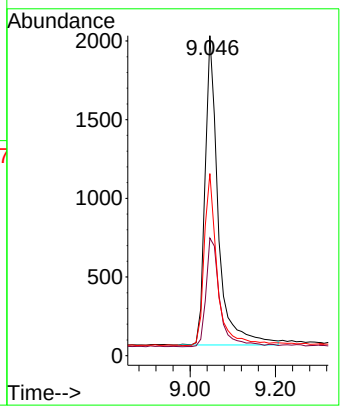


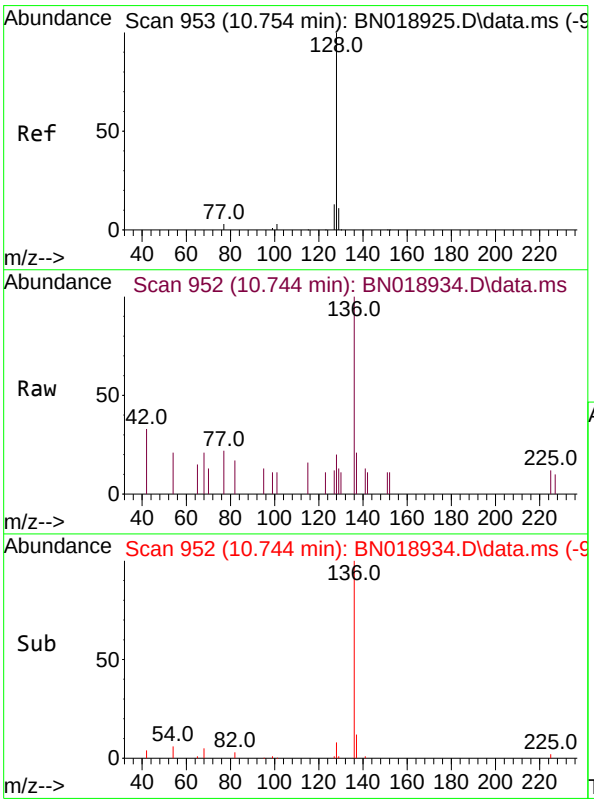
#8
Nitrobenzene-d5
Concen: 0.255 ng
RT: 9.046 min Scan# 7
Delta R.T. 0.000 min
Lab File: BN018934.D
Acq: 14 Mar 2022 13:56

Instrument :
BNA_N
ClientSampleId :
PB143270BL

Tgt Ion: 82 Resp: 4218

Ion	Ratio	Lower	Upper
82	100		
128	36.8	33.0	49.6
54	56.9	42.5	63.7

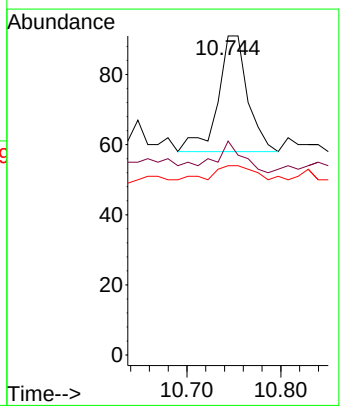


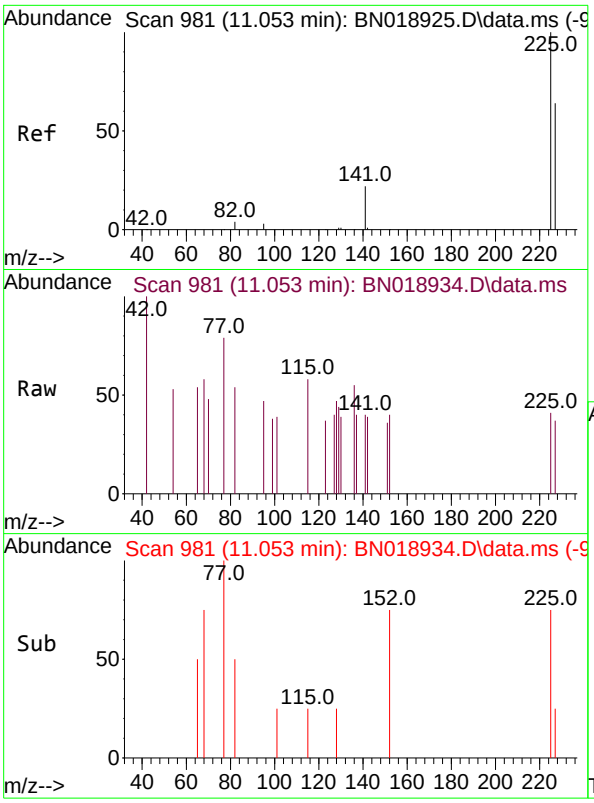


#9
Naphthalene
Concen: 0.001 ng
RT: 10.744 min Scan# 952
Delta R.T. -0.010 min
Lab File: BN018934.D
Acq: 14 Mar 2022 13:56

Tgt Ion:128 Resp: 73

Ion	Ratio	Lower	Upper
128	100		
129	67.0	9.0	13.4#
127	59.3	10.7	16.1#



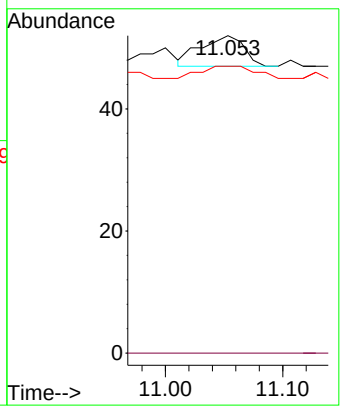


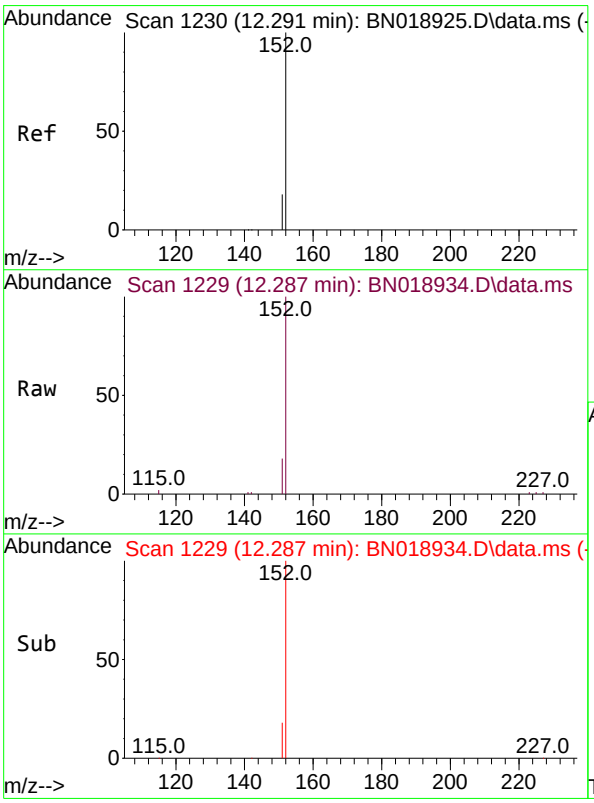
#10
Hexachlorobutadiene
Concen: 0.001 ng
RT: 11.053 min Scan# 9
Delta R.T. 0.000 min
Lab File: BN018934.D
Acq: 14 Mar 2022 13:56

Instrument :
BNA_N
ClientSampleId :
PB143270BL

Tgt Ion:225 Resp: 13

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	46.2	51.0	76.6#

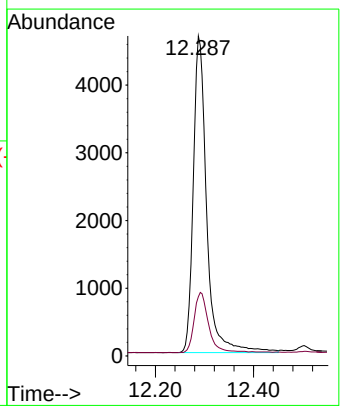


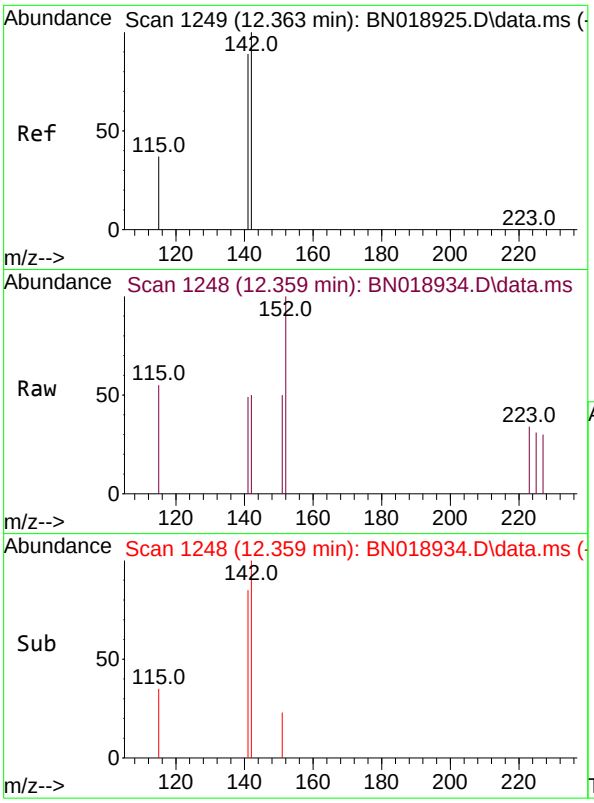


#11
2-Methylnaphthalene-d10
Concen: 0.269 ng
RT: 12.287 min Scan# 1229
Delta R.T. -0.003 min
Lab File: BN018934.D
Acq: 14 Mar 2022 13:56

Tgt Ion:152 Resp: 8845

Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.5	24.7



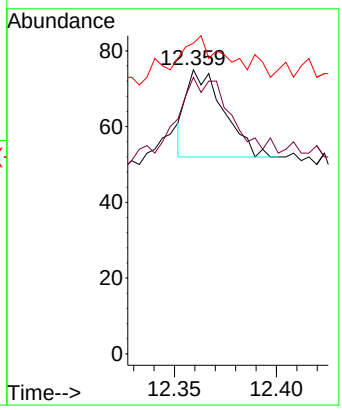


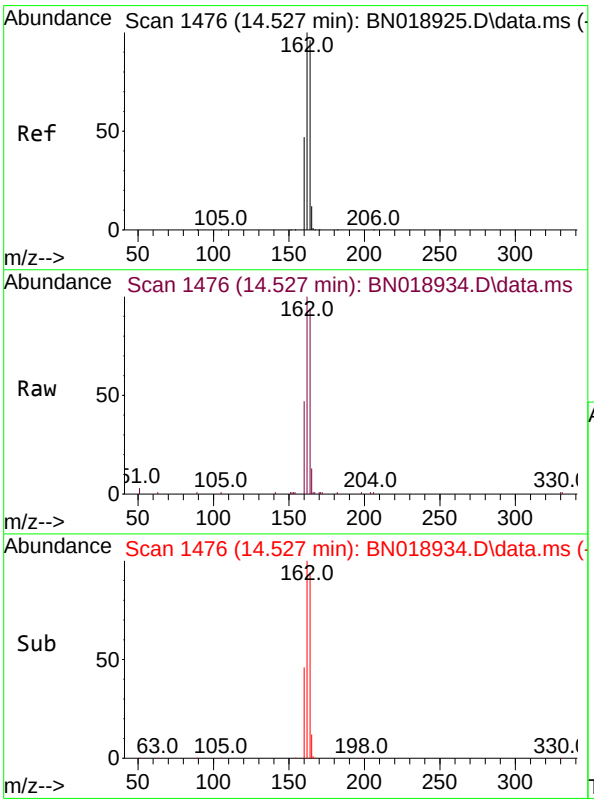
#12
2-Methylnaphthalene
Concen: 0.001 ng
RT: 12.359 min Scan# 1
Delta R.T. -0.003 min
Lab File: BN018934.D
Acq: 14 Mar 2022 13:56

Instrument :
BNA_N
ClientSampleId :
PB143270BL

Tgt Ion:142 Resp: 29

Ion	Ratio	Lower	Upper
142	100		
141	97.3	70.0	105.0
115	109.3	29.8	44.8#

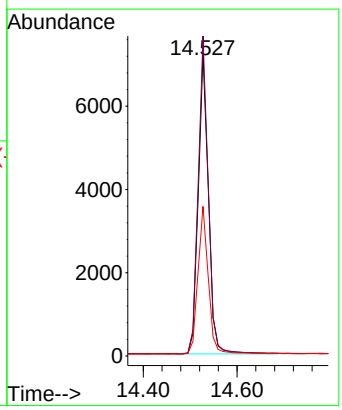


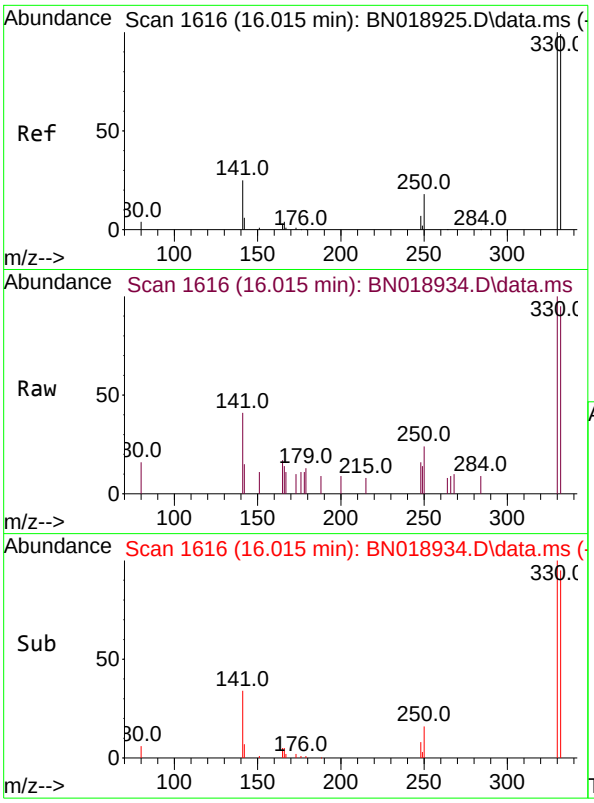


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.527 min Scan# 1476
Delta R.T. 0.000 min
Lab File: BN018934.D
Acq: 14 Mar 2022 13:56

Tgt Ion:164 Resp: 10964

Ion	Ratio	Lower	Upper
164	100		
162	106.1	85.2	127.8
160	49.6	41.5	62.3



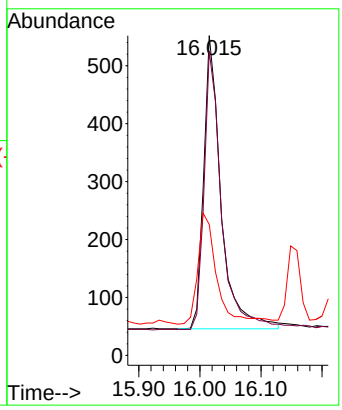


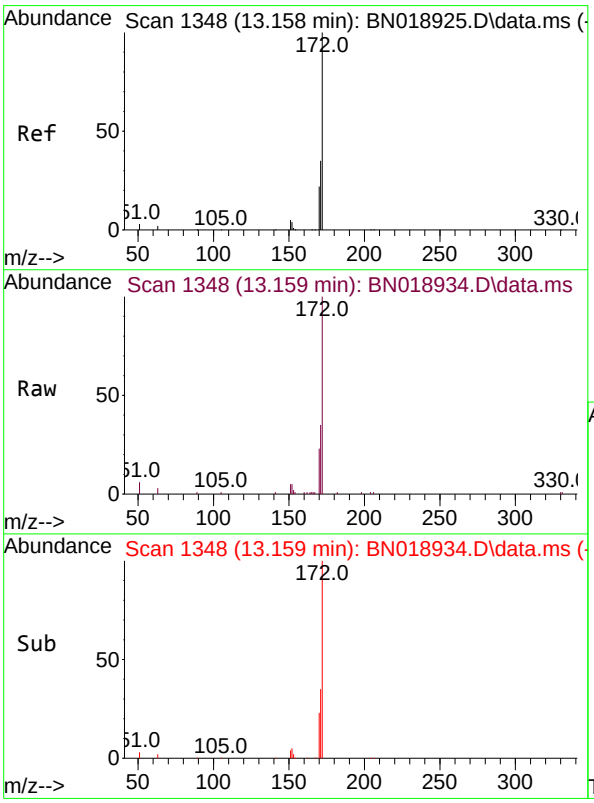
#14
2,4,6-Tribromophenol
Concen: 0.175 ng
RT: 16.015 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN018934.D
Acq: 14 Mar 2022 13:56

Instrument :
BNA_N
ClientSampleId :
PB143270BL

Tgt Ion:330 Resp: 1002

Ion	Ratio	Lower	Upper
330	100		
332	94.3	76.8	115.2
141	41.7	32.2	48.2

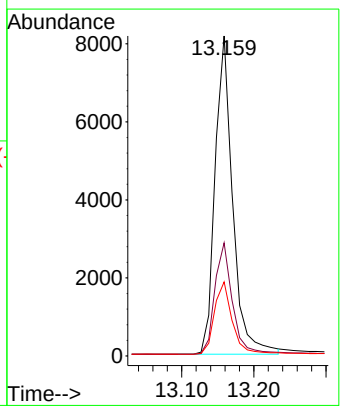


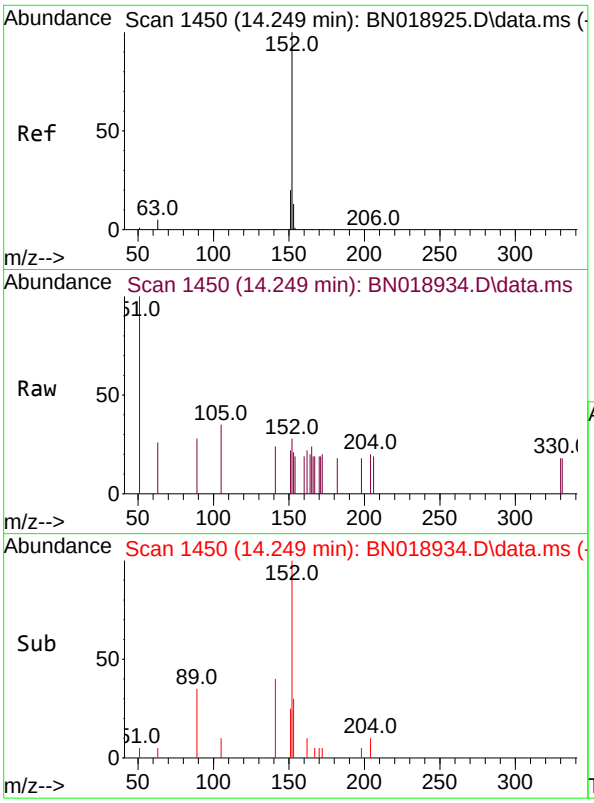


#15
2-Fluorobiphenyl
Concen: 0.289 ng
RT: 13.159 min Scan# 1348
Delta R.T. 0.000 min
Lab File: BN018934.D
Acq: 14 Mar 2022 13:56

Tgt Ion:172 Resp: 13816

Ion	Ratio	Lower	Upper
172	100		
171	35.3	28.2	42.2
170	23.2	18.7	28.1



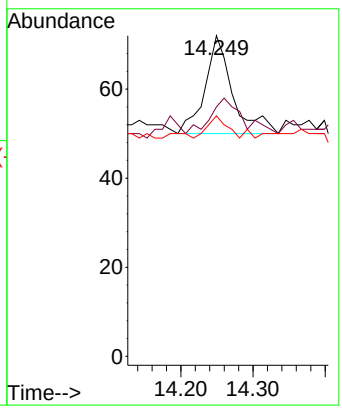


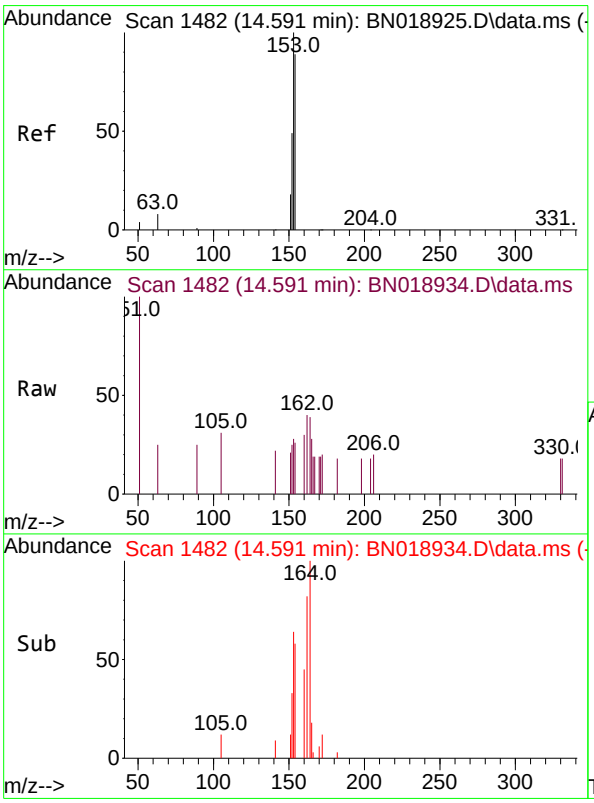
#16
Acenaphthylene
Concen: 0.001 ng
RT: 14.249 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN018934.D
Acq: 14 Mar 2022 13:56

Instrument :
BNA_N
ClientSampleId :
PB143270BL

Tgt Ion:152 Resp: 58

Ion	Ratio	Lower	Upper
152	100		
151	41.4	15.9	23.9#
153	15.5	10.6	15.8

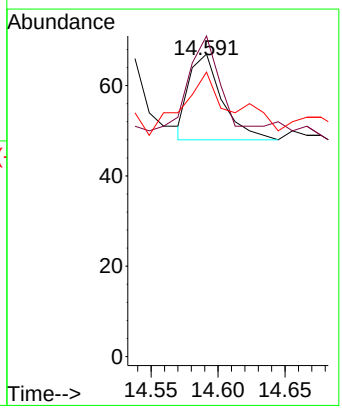


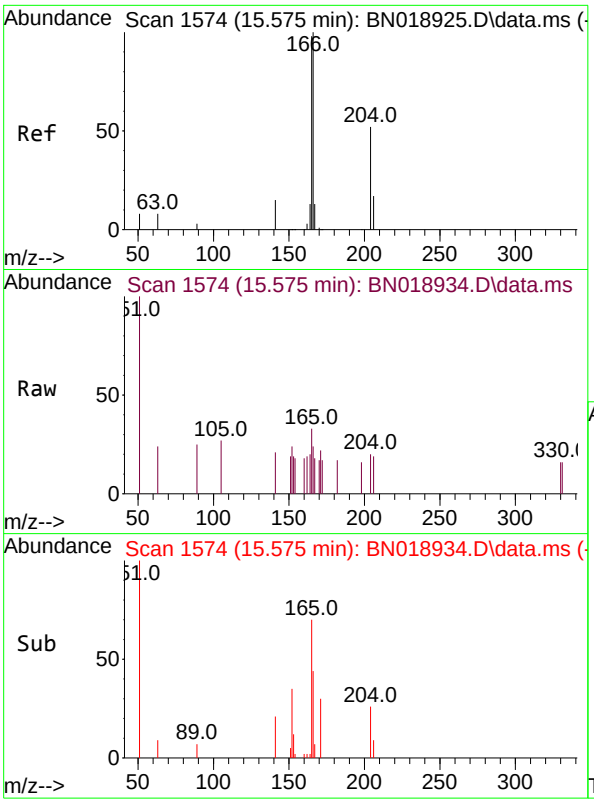


#17
Acenaphthene
Concen: 0.001 ng
RT: 14.591 min Scan# 1482
Delta R.T. 0.000 min
Lab File: BN018934.D
Acq: 14 Mar 2022 13:56

Tgt Ion:154 Resp: 33

Ion	Ratio	Lower	Upper
154	100		
153	121.2	89.7	134.5
152	112.1	44.7	67.1#



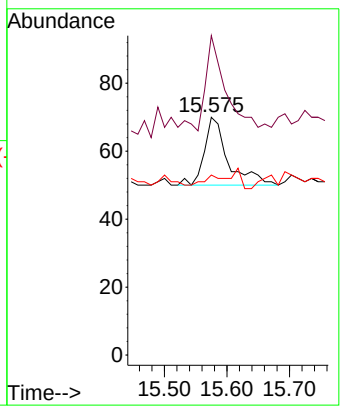


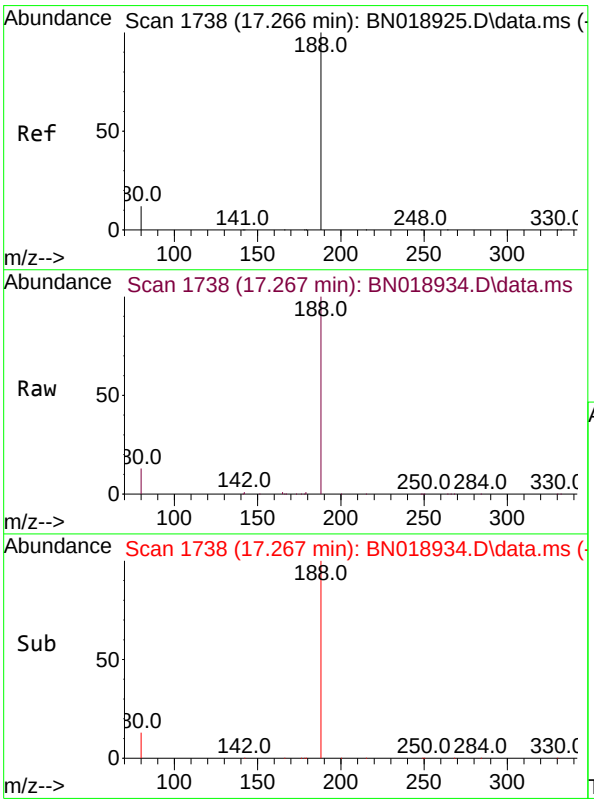
#18
Fluorene
Concen: 0.001 ng
RT: 15.575 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN018934.D
Acq: 14 Mar 2022 13:56

Instrument :
BNA_N
ClientSampleId :
PB143270BL

Tgt Ion:166 Resp: 53

Ion	Ratio	Lower	Upper
166	100		
165	117.0	79.2	118.8
167	7.5	10.7	16.1#

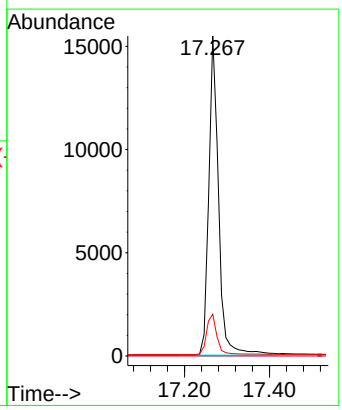


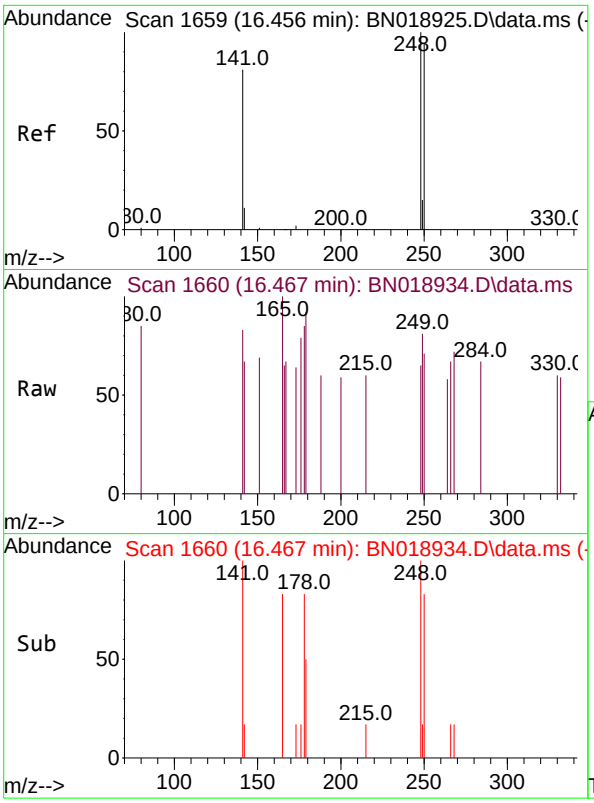


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.267 min Scan# 1738
Delta R.T. 0.001 min
Lab File: BN018934.D
Acq: 14 Mar 2022 13:56

Tgt Ion:188 Resp: 24705

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	13.0	11.8	17.8



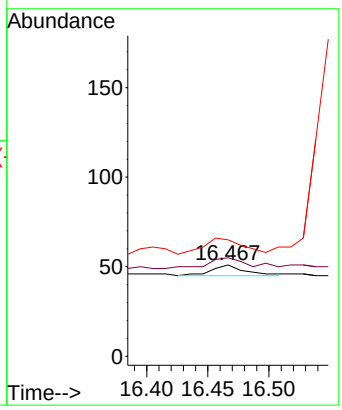


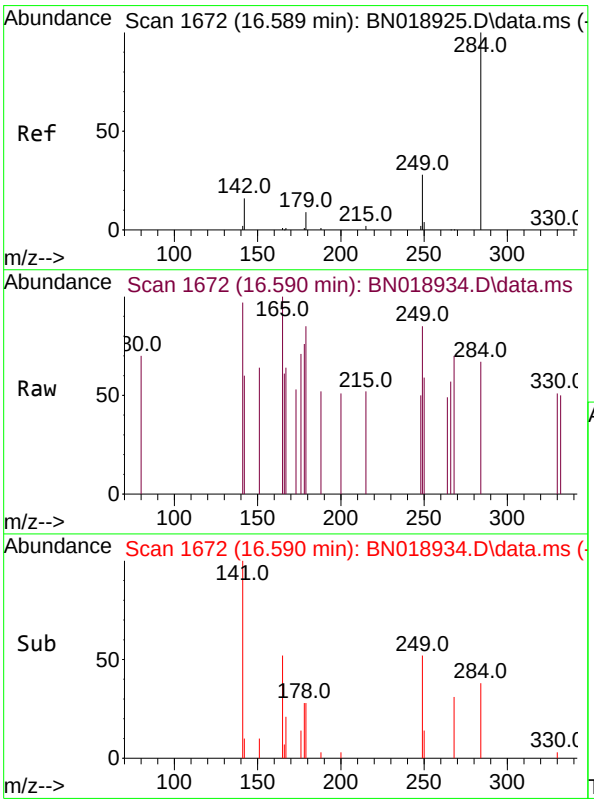
#21
4-Bromophenyl-phenylether
Concen: 0.001 ng
RT: 16.467 min Scan# 1
Delta R.T. 0.011 min
Lab File: BN018934.D
Acq: 14 Mar 2022 13:56

Instrument :
BNA_N
ClientSampleId :
PB143270BL

Tgt Ion:248 Resp: 12

Ion	Ratio	Lower	Upper
248	100		
250	107.8	80.7	121.1
141	127.5	39.6	59.4#

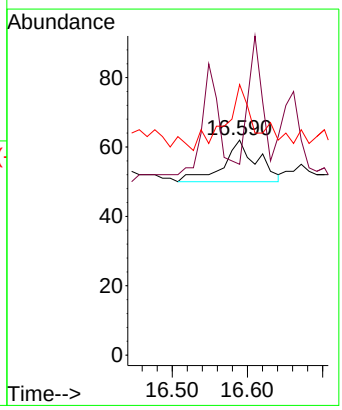


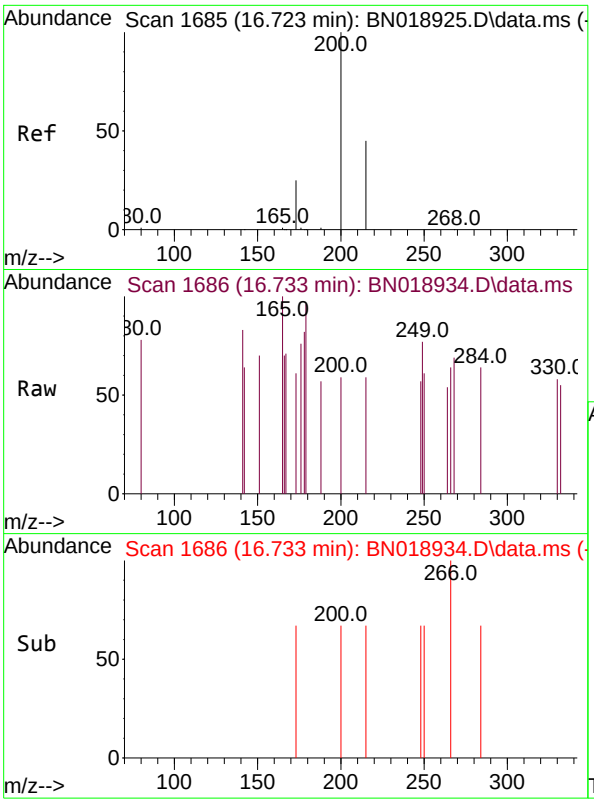


#22
Hexachlorobenzene
Concen: 0.002 ng
RT: 16.590 min Scan# 1672
Delta R.T. 0.000 min
Lab File: BN018934.D
Acq: 14 Mar 2022 13:56

Tgt Ion:284 Resp: 38

Ion	Ratio	Lower	Upper
284	100		
142	0.0	29.8	44.8#
249	118.4	26.2	39.2#



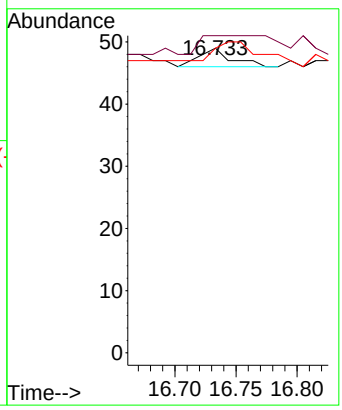


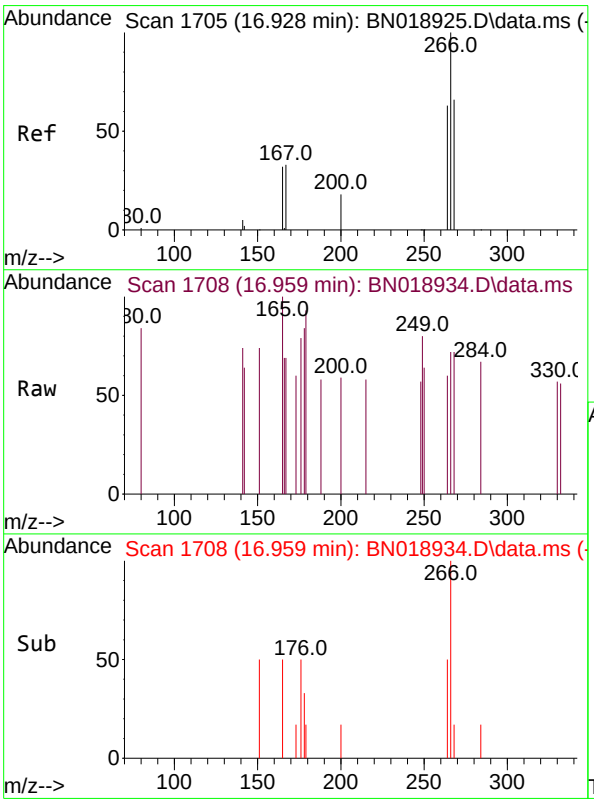
#23
Atrazine
Concen: 0.001 ng
RT: 16.733 min Scan# 1
Delta R.T. 0.011 min
Lab File: BN018934.D
Acq: 14 Mar 2022 13:56

Instrument :
BNA_N
ClientSampleId :
PB143270BL

Tgt Ion:200 Resp: 6

Ion	Ratio	Lower	Upper
200	100		
173	104.1	23.9	35.9#
215	100.0	36.6	54.8#

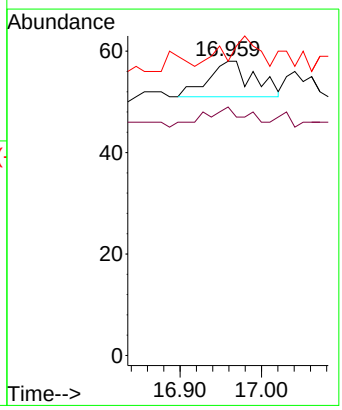


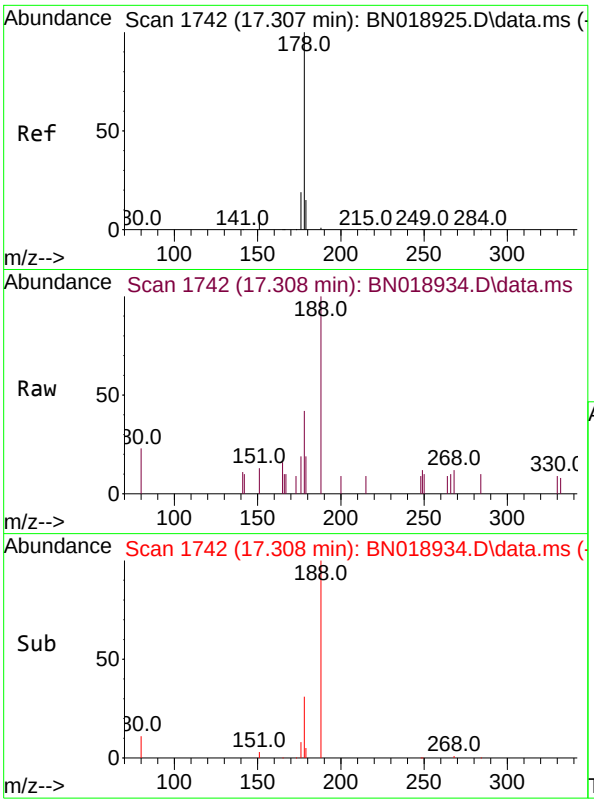


#24
Pentachlorophenol
Concen: 0.005 ng
RT: 16.959 min Scan# 1708
Delta R.T. 0.031 min
Lab File: BN018934.D
Acq: 14 Mar 2022 13:56

Tgt Ion:266 Resp: 27

Ion	Ratio	Lower	Upper
266	100		
264	51.9	50.2	75.4
268	0.0	51.9	77.9#



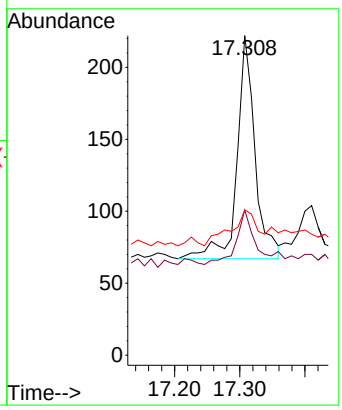


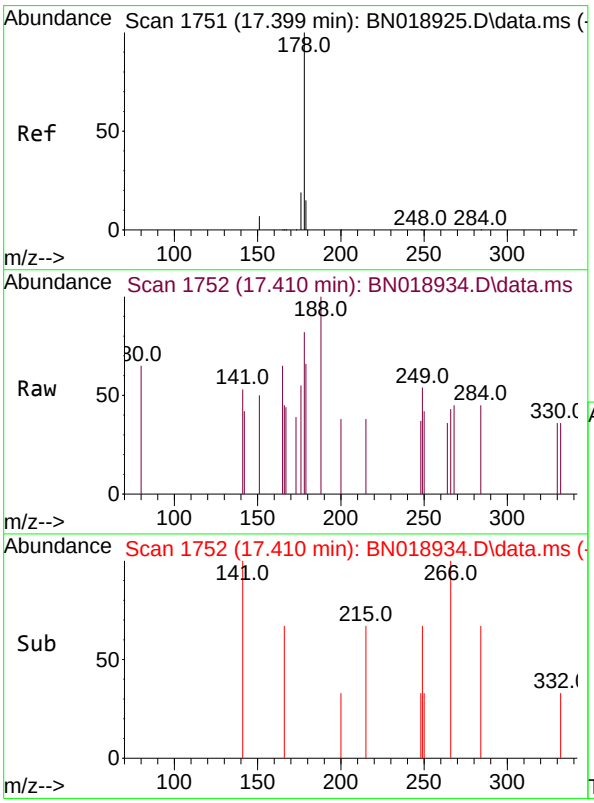
#25
Phenanthrene
Concen: 0.004 ng
RT: 17.308 min Scan# 1
Delta R.T. 0.001 min
Lab File: BN018934.D
Acq: 14 Mar 2022 13:56

Instrument :
BNA_N
ClientSampleId :
PB143270BL

Tgt Ion:178 Resp: 298

Ion	Ratio	Lower	Upper
178	100		
176	29.5	15.4	23.0#
179	23.5	12.2	18.2#

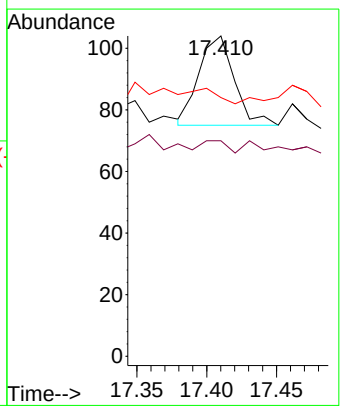


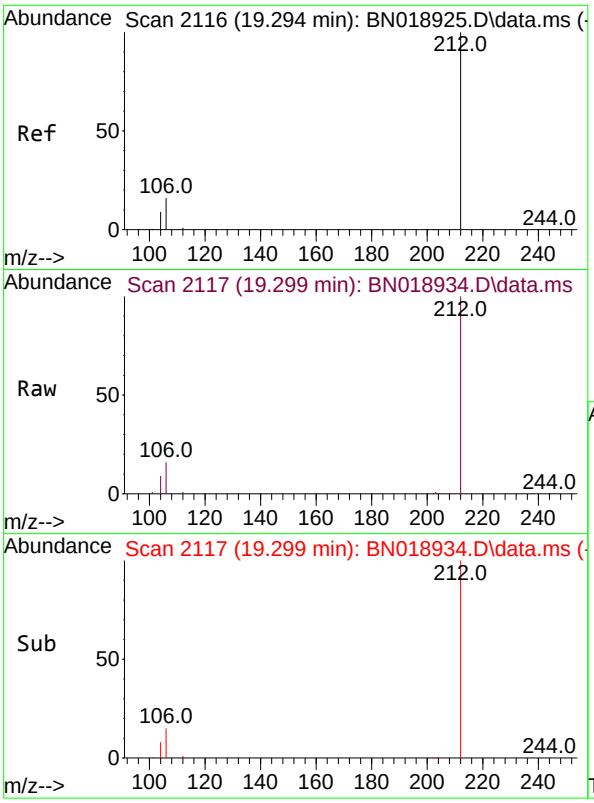


#26
Anthracene
Concen: 0.001 ng
RT: 17.410 min Scan# 1752
Delta R.T. 0.011 min
Lab File: BN018934.D
Acq: 14 Mar 2022 13:56

Tgt Ion:178 Resp: 51

Ion	Ratio	Lower	Upper
178	100		
176	9.8	14.8	22.2#
179	0.0	12.2	18.4#



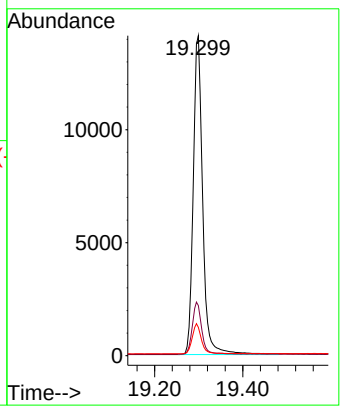


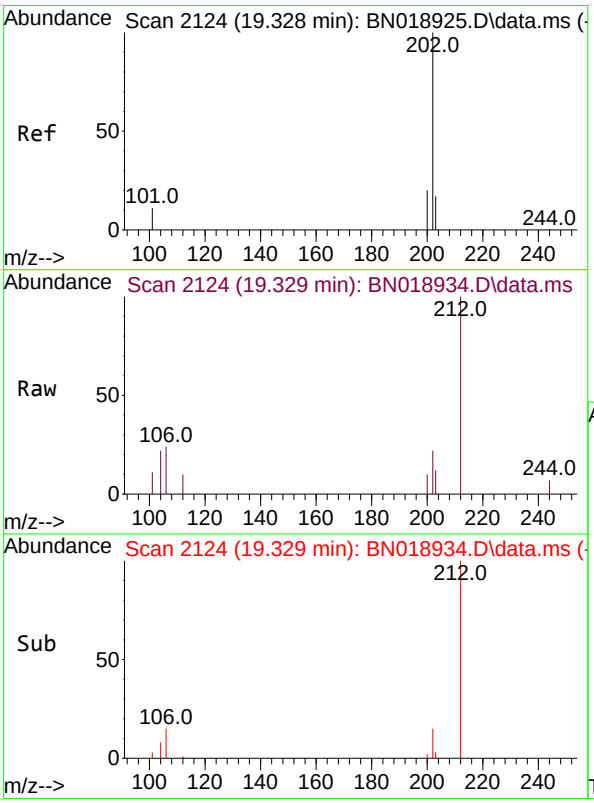
#27
Fluoranthene-d10
Concen: 0.301 ng
RT: 19.299 min Scan# 21
Delta R.T. 0.005 min
Lab File: BN018934.D
Acq: 14 Mar 2022 13:56

Instrument :
BNA_N
ClientSampleId :
PB143270BL

Tgt Ion:212 Resp: 21025

Ion	Ratio	Lower	Upper
212	100		
106	16.4	12.7	19.1
104	9.0	7.1	10.7

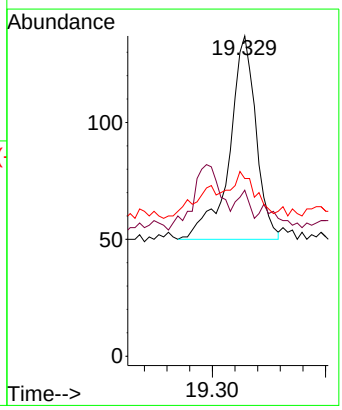


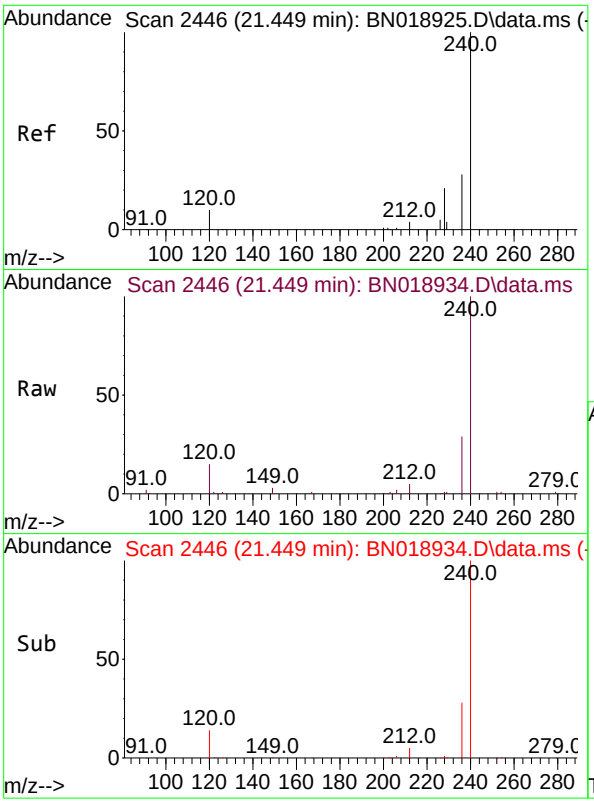


#28
Fluoranthene
Concen: 0.002 ng
RT: 19.329 min Scan# 2124
Delta R.T. 0.000 min
Lab File: BN018934.D
Acq: 14 Mar 2022 13:56

Tgt Ion:202 Resp: 142

Ion	Ratio	Lower	Upper
202	100		
101	8.5	9.8	14.6#
203	15.5	13.7	20.5



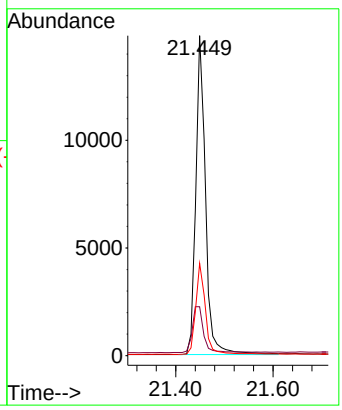


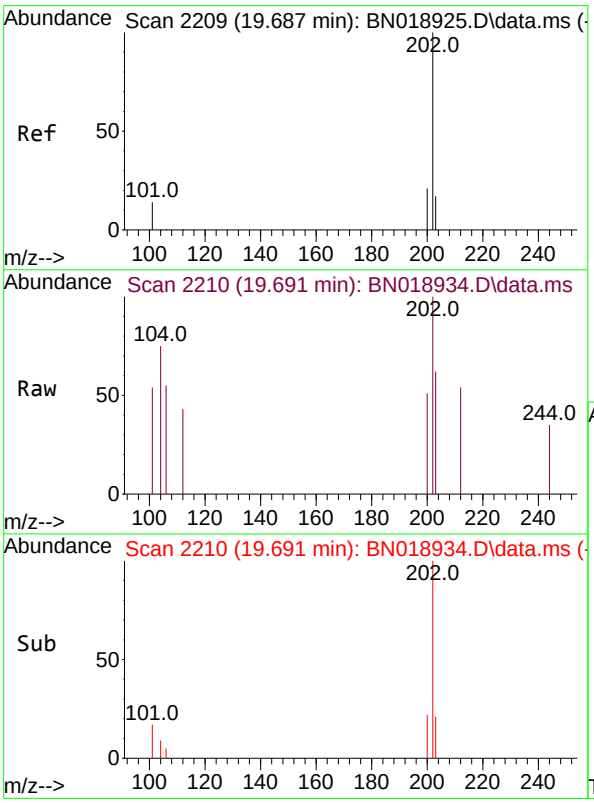
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.449 min Scan# 24
Delta R.T. 0.000 min
Lab File: BN018934.D
Acq: 14 Mar 2022 13:56

Instrument :
BNA_N
ClientSampleId :
PB143270BL

Tgt Ion:240 Resp: 20536

Ion	Ratio	Lower	Upper
240	100		
120	15.3	8.5	12.7#
236	28.8	22.4	33.6

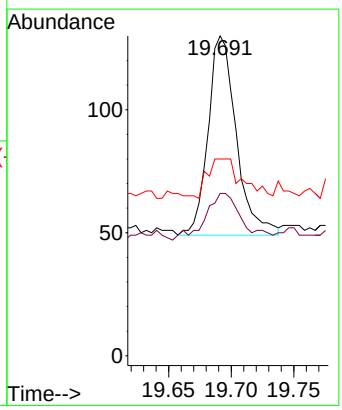


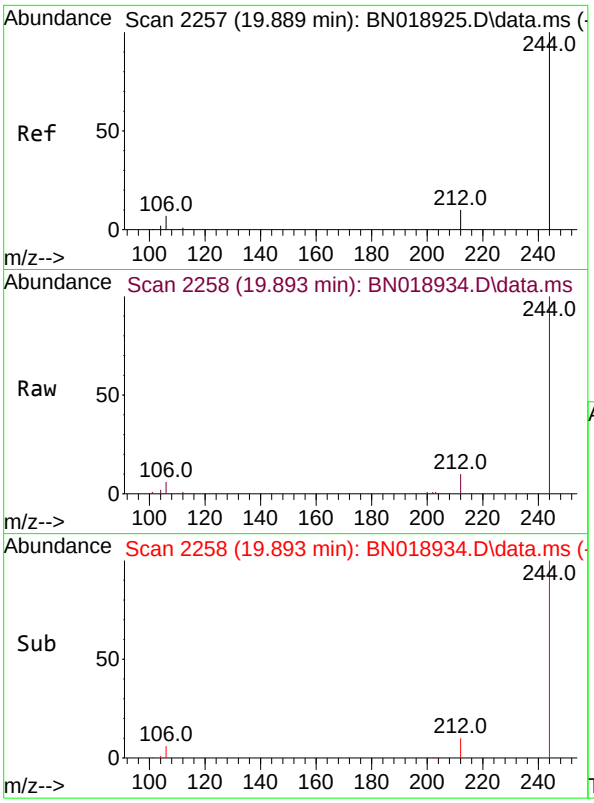


#30
Pyrene
Concen: 0.001 ng
RT: 19.691 min Scan# 2210
Delta R.T. 0.005 min
Lab File: BN018934.D
Acq: 14 Mar 2022 13:56

Tgt Ion:202 Resp: 127

Ion	Ratio	Lower	Upper
202	100		
200	29.9	16.9	25.3#
203	22.8	14.2	21.2#



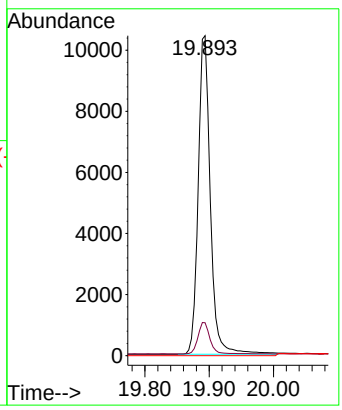


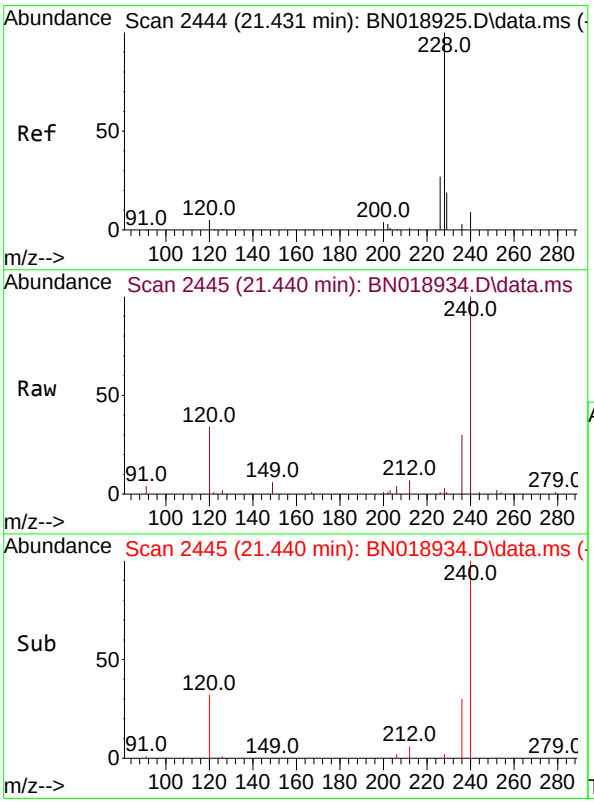
#31
Terphenyl-d14
Concen: 0.301 ng
RT: 19.893 min Scan# 2
Delta R.T. 0.005 min
Lab File: BN018934.D
Acq: 14 Mar 2022 13:56

Instrument :
BNA_N
ClientSampleId :
PB143270BL

Tgt Ion:244 Resp: 13715

Ion	Ratio	Lower	Upper
244	100		
212	10.3	8.2	12.4
122	0.0	0.0	0.0

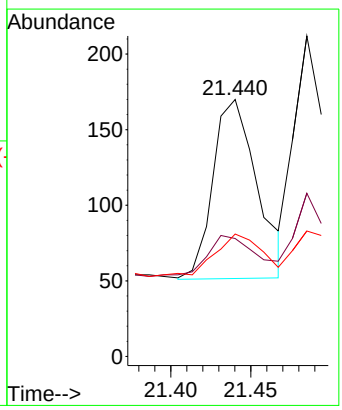


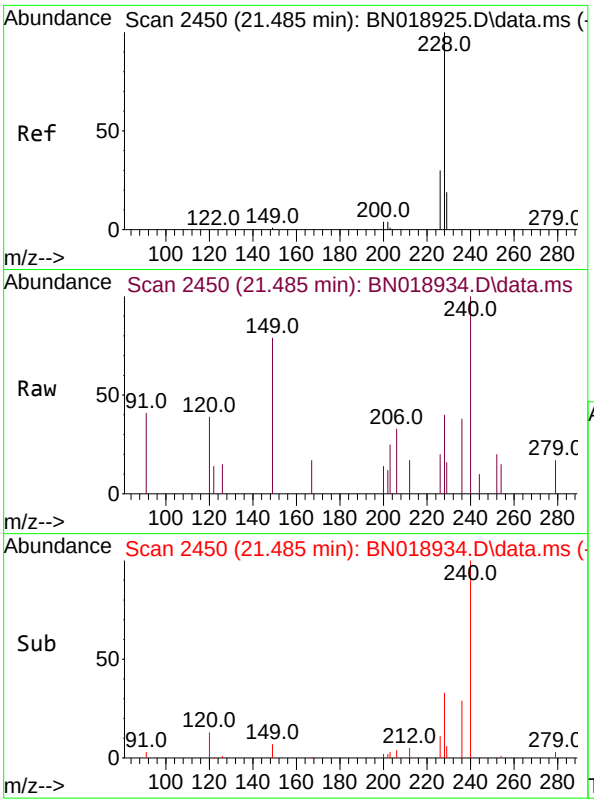


#32
Benzo(a)anthracene
Concen: 0.003 ng
RT: 21.440 min Scan# 2445
Delta R.T. 0.009 min
Lab File: BN018934.D
Acq: 14 Mar 2022 13:56

Tgt Ion:228 Resp: 228

Ion	Ratio	Lower	Upper
228	100		
226	45.9	21.9	32.9#
229	47.6	16.0	24.0#



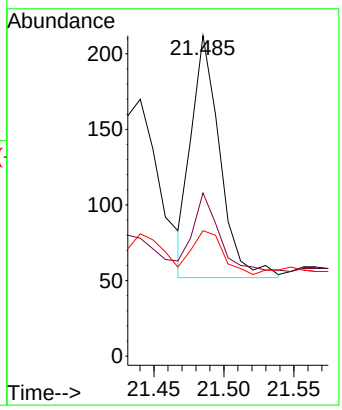


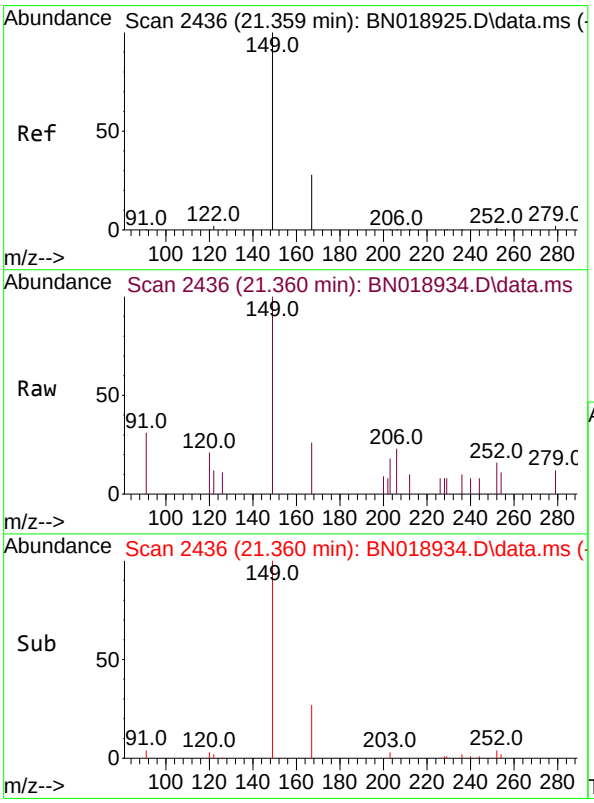
#33
Chrysene
Concen: 0.003 ng
RT: 21.485 min Scan# 24
Delta R.T. 0.000 min
Lab File: BN018934.D
Acq: 14 Mar 2022 13:56

Instrument :
BNA_N
ClientSampleId :
PB143270BL

Tgt Ion:228 Resp: 227

Ion	Ratio	Lower	Upper
228	100		
226	50.9	24.0	36.0#
229	39.2	15.9	23.9#

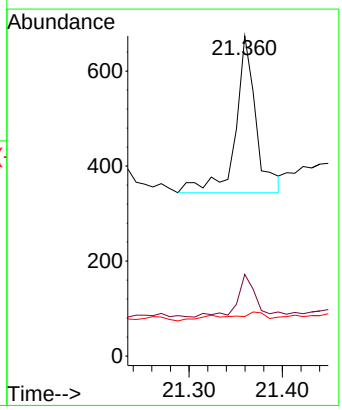


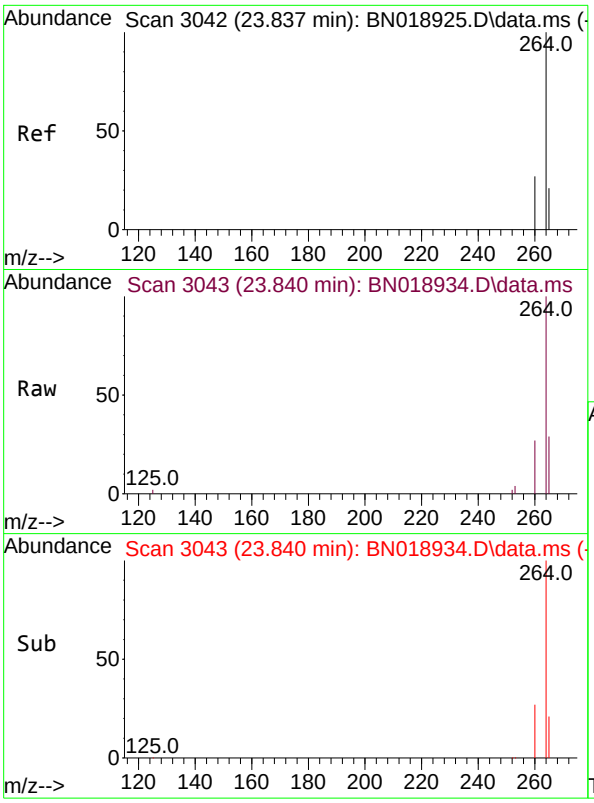


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.014 ng
RT: 21.360 min Scan# 2436
Delta R.T. 0.000 min
Lab File: BN018934.D
Acq: 14 Mar 2022 13:56

Tgt Ion:149 Resp: 503

Ion	Ratio	Lower	Upper
149	100		
167	25.6	21.8	32.8
279	3.8	2.0	3.0#



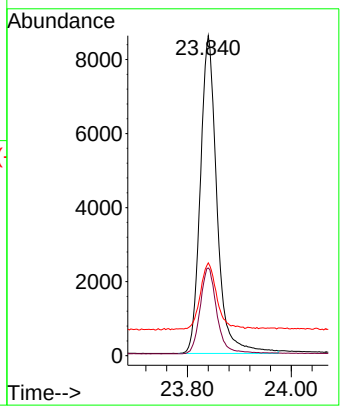


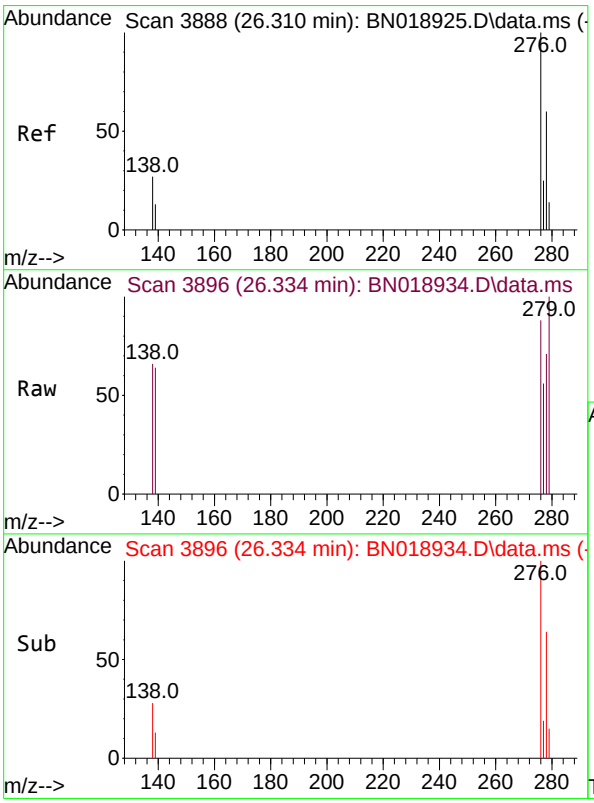
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.840 min Scan# 3
Delta R.T. 0.003 min
Lab File: BN018934.D
Acq: 14 Mar 2022 13:56

Instrument :
BNA_N
ClientSampleId :
PB143270BL

Tgt Ion:264 Resp: 19062

Ion	Ratio	Lower	Upper
264	100		
260	27.4	22.4	33.6
265	29.0	25.3	37.9

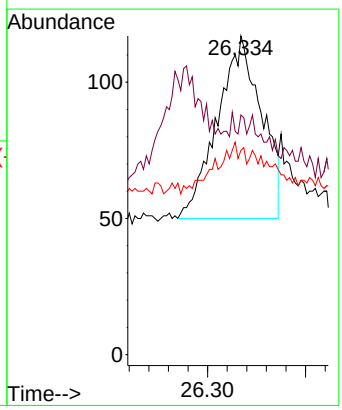


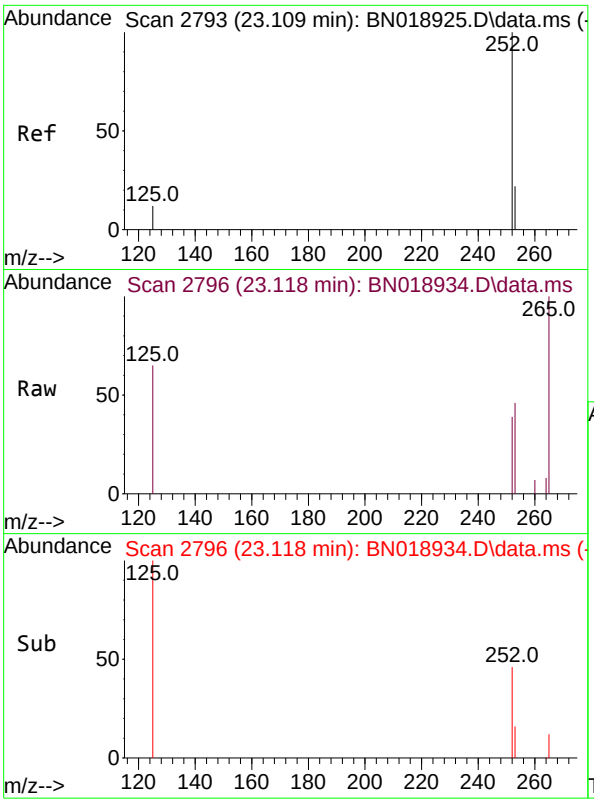


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.002 ng
RT: 26.334 min Scan# 3896
Delta R.T. 0.024 min
Lab File: BN018934.D
Acq: 14 Mar 2022 13:56

Tgt Ion:276 Resp: 210

Ion	Ratio	Lower	Upper
276	100		
138	1.0	24.5	36.7#
277	4.3	19.8	29.8#



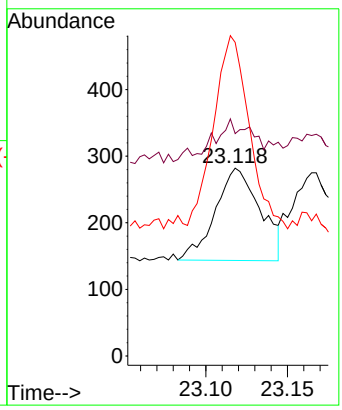


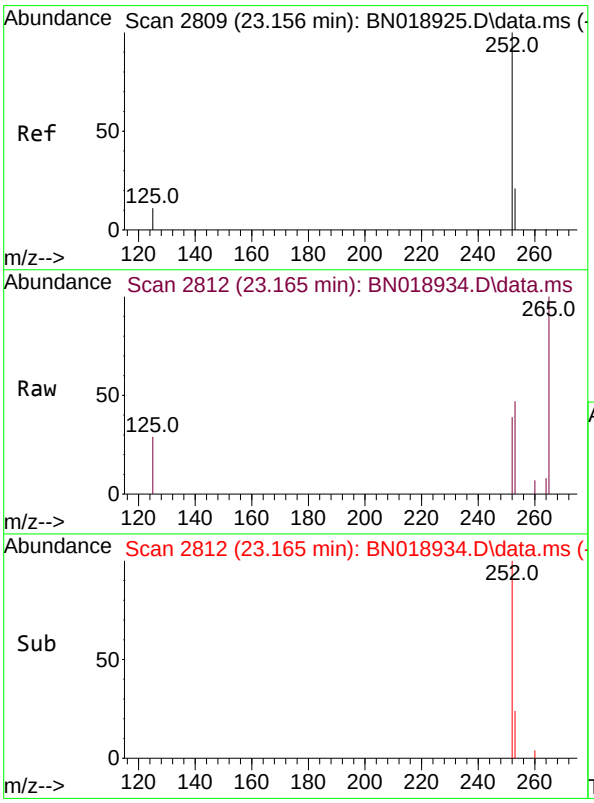
#37
Benzo(b)fluoranthene
Concen: 0.003 ng
RT: 23.118 min Scan# 2
Delta R.T. 0.009 min
Lab File: BN018934.D
Acq: 14 Mar 2022 13:56

Instrument :
BNA_N
ClientSampleId :
PB143270BL

Tgt Ion:252 Resp: 265

Ion	Ratio	Lower	Upper
252	100		
253	118.4	18.9	28.3#
125	167.0	12.1	18.1#

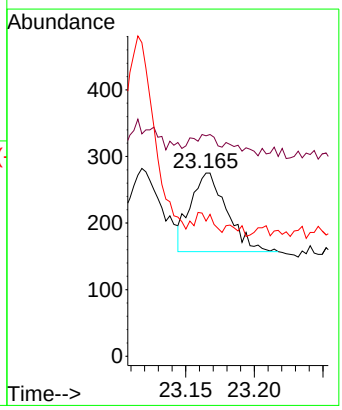


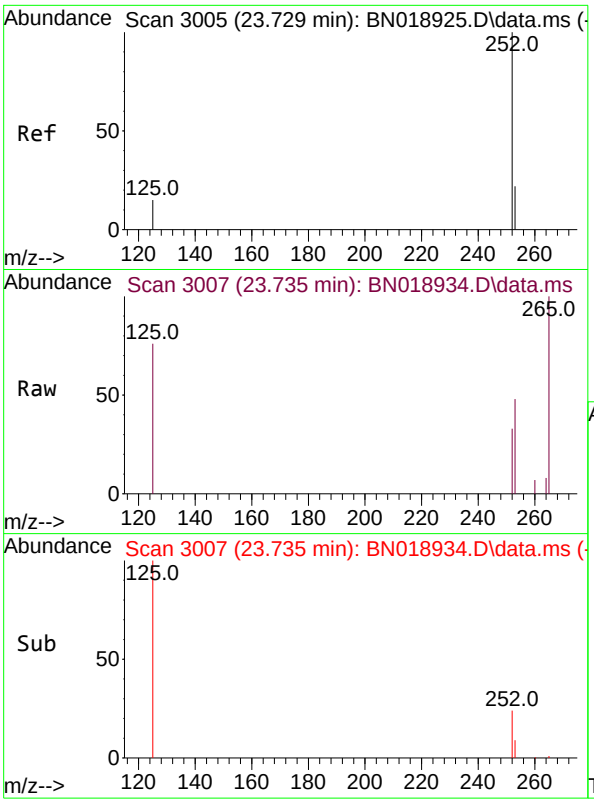


#38
Benzo(k)fluoranthene
Concen: 0.003 ng
RT: 23.165 min Scan# 2812
Delta R.T. 0.009 min
Lab File: BN018934.D
Acq: 14 Mar 2022 13:56

Tgt Ion:252 Resp: 219

Ion	Ratio	Lower	Upper
252	100		
253	120.4	18.9	28.3#
125	73.8	10.3	15.5#



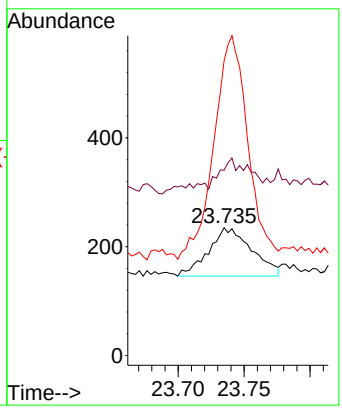


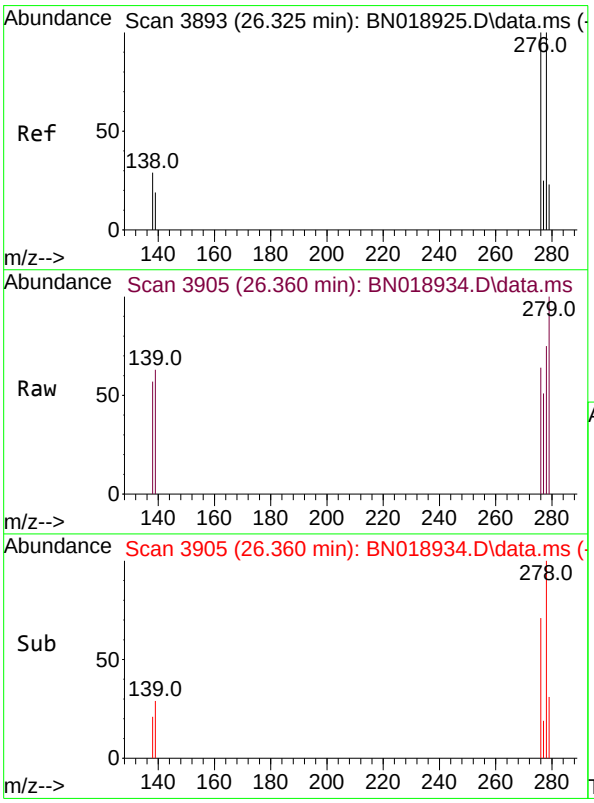
#39
Benzo(a)pyrene
Concen: 0.003 ng
RT: 23.735 min Scan# 3
Delta R.T. 0.006 min
Lab File: BN018934.D
Acq: 14 Mar 2022 13:56

Instrument :
BNA_N
ClientSampleId :
PB143270BL

Tgt Ion:252 Resp: 203

Ion	Ratio	Lower	Upper
252	100		
253	145.1	20.1	30.1#
125	230.6	15.2	22.8#

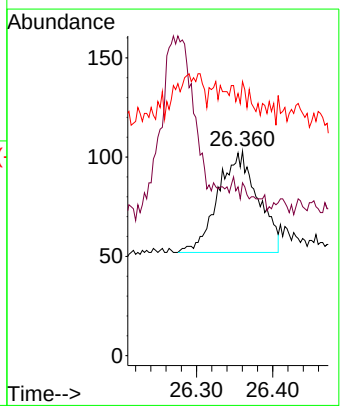


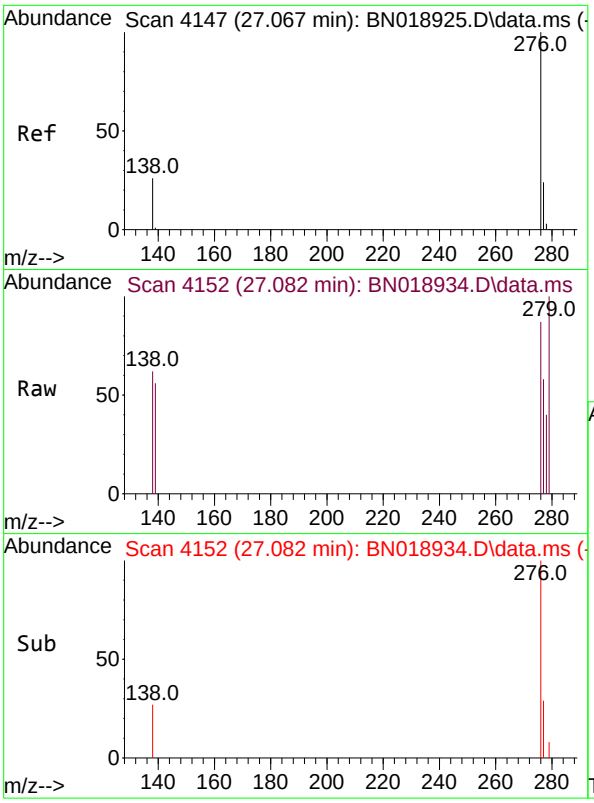


#40
Dibenzo(a,h)anthracene
Concen: 0.003 ng
RT: 26.360 min Scan# 3905
Delta R.T. 0.035 min
Lab File: BN018934.D
Acq: 14 Mar 2022 13:56

Tgt Ion:278 Resp: 184

Ion	Ratio	Lower	Upper
278	100		
139	84.5	17.2	25.8#
279	134.0	19.9	29.9#





#41
Benzo(g,h,i)perylene
Concen: 0.003 ng
RT: 27.082 min Scan# 4
Delta R.T. 0.015 min
Lab File: BN018934.D
Acq: 14 Mar 2022 13:56

Instrument :
BNA_N
ClientSampleId :
PB143270BL

Tgt Ion:276 Resp: 254

Ion	Ratio	Lower	Upper
276	100		
277	66.7	19.4	29.0#
138	71.1	21.0	31.6#