Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031422\
Data File : BN018936.D
Acq On : 14 Mar 2022 15:07
Operator : CG/JU
Sample : N1889-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
TW-01

Quant Time: Mar 14 15:37:17 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	7.898	152	6646	0.400	ng	0.00
7) Naphthalene-d8	10.701	136	18692	0.400	ng	# 0.00
13) Acenaphthene-d10	14.527	164	11759	0.400	ng	0.00
19) Phenanthrene-d10	17.266	188	23571	0.400	ng	0.00
29) Chrysene-d12	21.449	240	16225	0.400	ng	# 0.00
35) Perylene-d12	23.837	264	12481	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.449	112	2007	0.120	ng	0.00
5) Phenol-d6	7.053	99	1364	0.070	ng	0.00
8) Nitrobenzene-d5	9.046	82	3604	0.232	ng	0.00
11) 2-Methylnaphthalene-d10	12.291	152	8503	0.276	ng	0.00
14) 2,4,6-Tribromophenol	16.015	330	1729	0.282	ng	0.00
15) 2-Fluorobiphenyl	13.159	172	14121	0.276	ng	0.00
27) Fluoranthene-d10	19.295	212	23157	0.347	ng	0.00
31) Terphenyl-d14	19.889	244	17863	0.495	ng	0.00
Target Compounds						Qvalue
3) n-Nitrosodimethylamine	3.550	42	270	0.030	ng	# 1
16) Acenaphthylene	14.249	152	1640	0.029	ng	# 54
17) Acenaphthene	14.591	154	5957	0.152	ng	93
18) Fluorene	15.575	166	1154	0.023	ng	# 1
23) Atrazine	16.733	200	245	0.023	ng	# 1
25) Phenanthrene	17.307	178	2271	0.029	ng	# 78
26) Anthracene	17.400	178	10807	0.157	ng	# 83
28) Fluoranthene	19.324	202	5711	0.068	ng	# 86
30) Pyrene	19.687	202	25594	0.328	ng	# 90
32) Benzo(a)anthracene	21.431	228	8119	0.126	ng	# 31
33) Chrysene	21.485	228	13906	0.205	ng	# 59
34) Bis(2-ethylhexyl)phtha...	21.360	149	4890	0.168	ng	# 99
37) Benzo(b)fluoranthene	23.106	252	2472	0.044	ng	# 1
39) Benzo(a)pyrene	23.732	252	3151	0.070	ng	# 22
41) Benzo(g,h,i)perylene	27.065	276	1922	0.038	ng	# 61

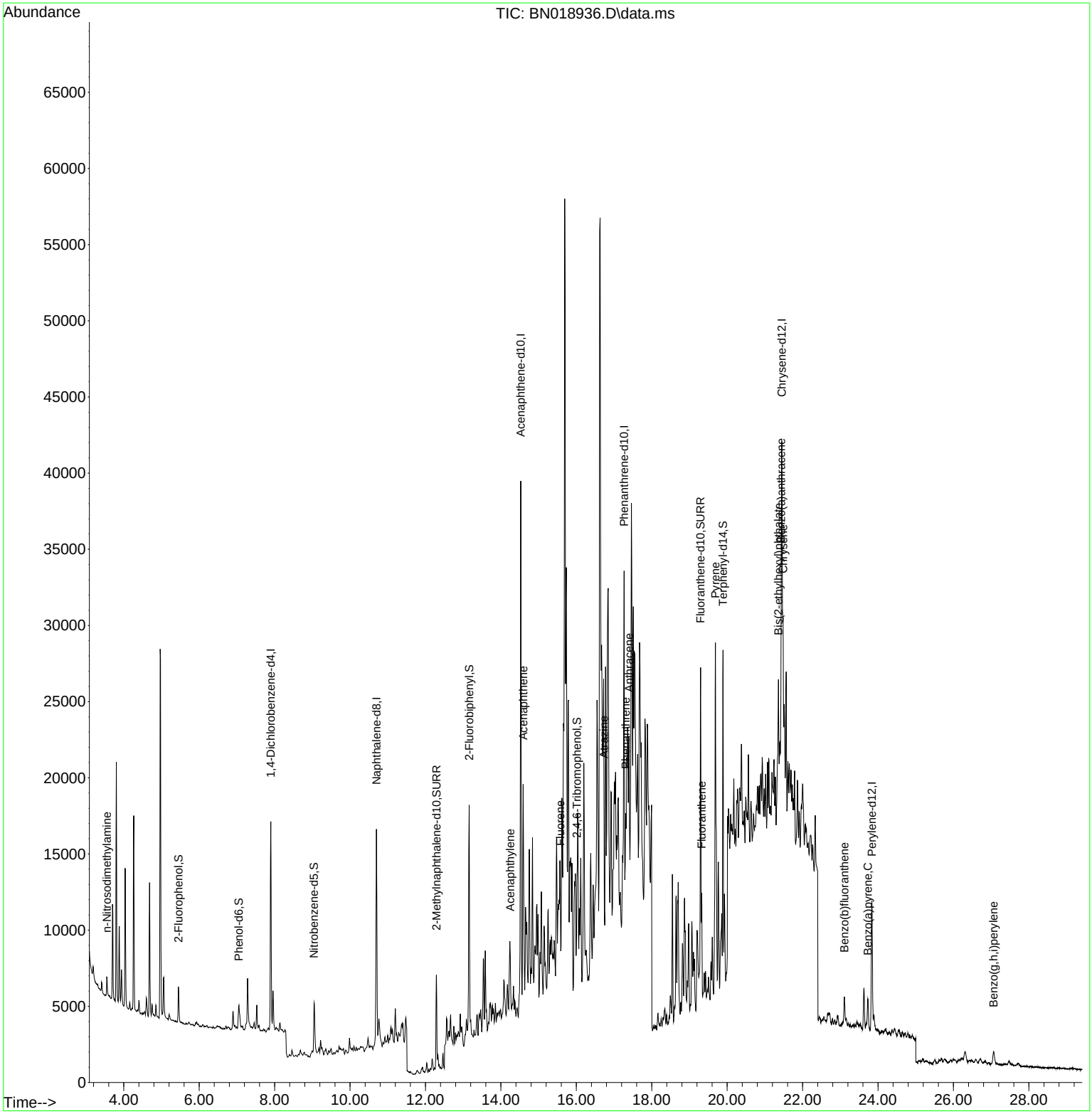
(#) = qualifier out of range (m) = manual integration (+) = signals summed

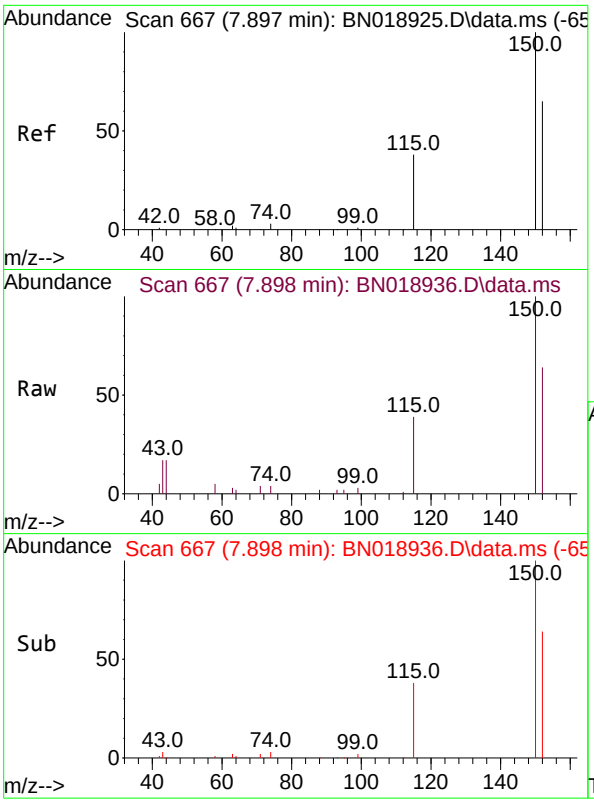
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031422\
Data File : BN018936.D
Acq On : 14 Mar 2022 15:07
Operator : CG/JU
Sample : N1889-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
TW-01

Quant Time: Mar 14 15:37:17 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



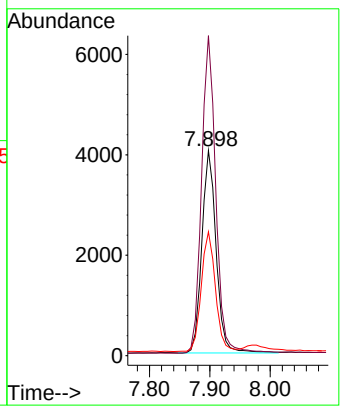


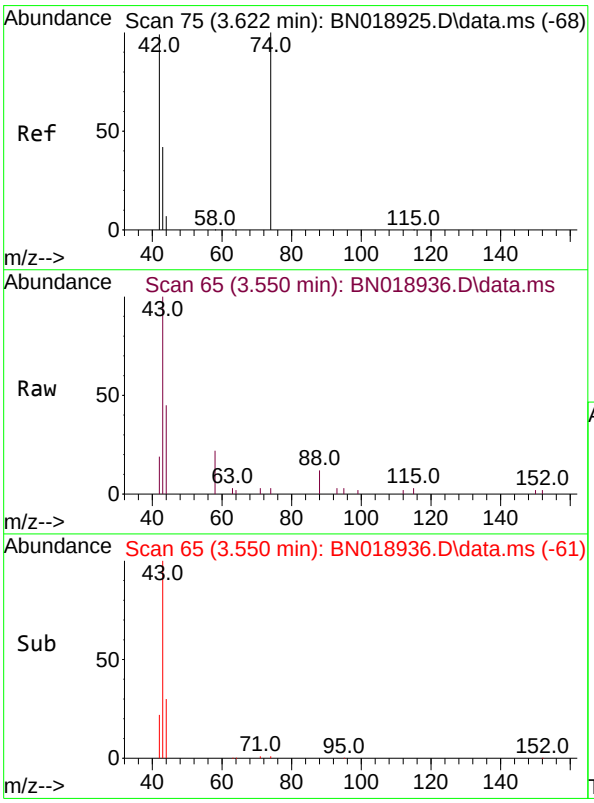
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.898 min Scan# 6
Delta R.T. 0.001 min
Lab File: BN018936.D
Acq: 14 Mar 2022 15:07

Instrument :
BNA_N
ClientSampleId :
TW-01

Tgt Ion:152 Resp: 6646

Ion	Ratio	Lower	Upper
152	100		
150	156.0	123.9	185.9
115	60.4	48.2	72.4

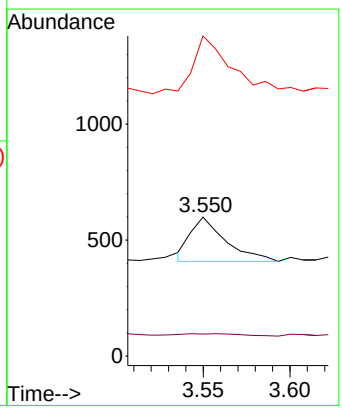


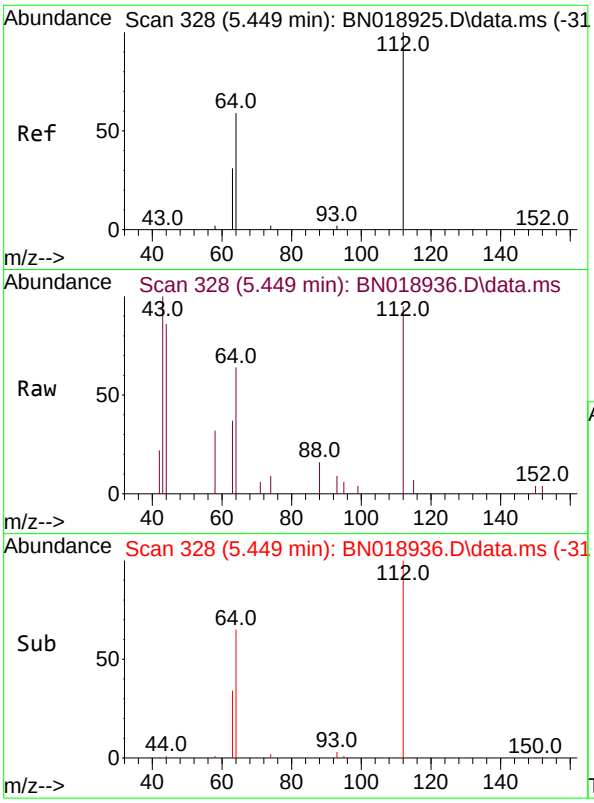


#3
n-Nitrosodimethylamine
Concen: 0.030 ng
RT: 3.550 min Scan# 65
Delta R.T. -0.072 min
Lab File: BN018936.D
Acq: 14 Mar 2022 15:07

Tgt Ion: 42 Resp: 270

Ion	Ratio	Lower	Upper
42	100		
74	7.8	96.9	145.3#
44	125.6	7.3	10.9#



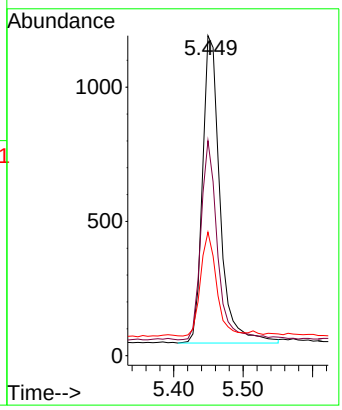


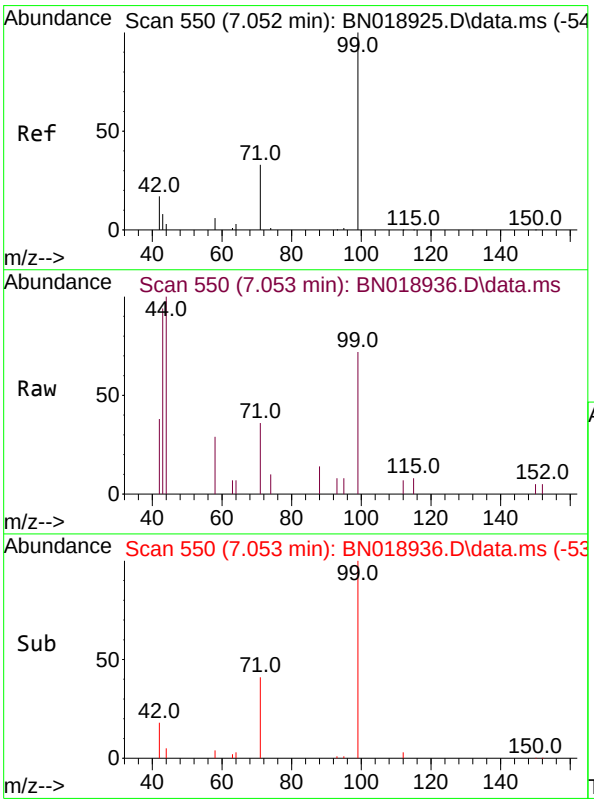
#4
2-Fluorophenol
Concen: 0.120 ng
RT: 5.449 min Scan# 3
Delta R.T. 0.000 min
Lab File: BN018936.D
Acq: 14 Mar 2022 15:07

Instrument :
BNA_N
ClientSampleId :
TW-01

Tgt Ion:112 Resp: 2007

Ion	Ratio	Lower	Upper
112	100		
64	61.8	47.8	71.8
63	30.8	25.7	38.5

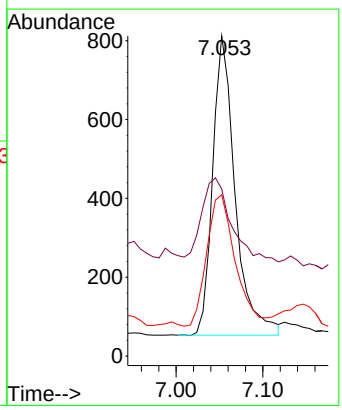


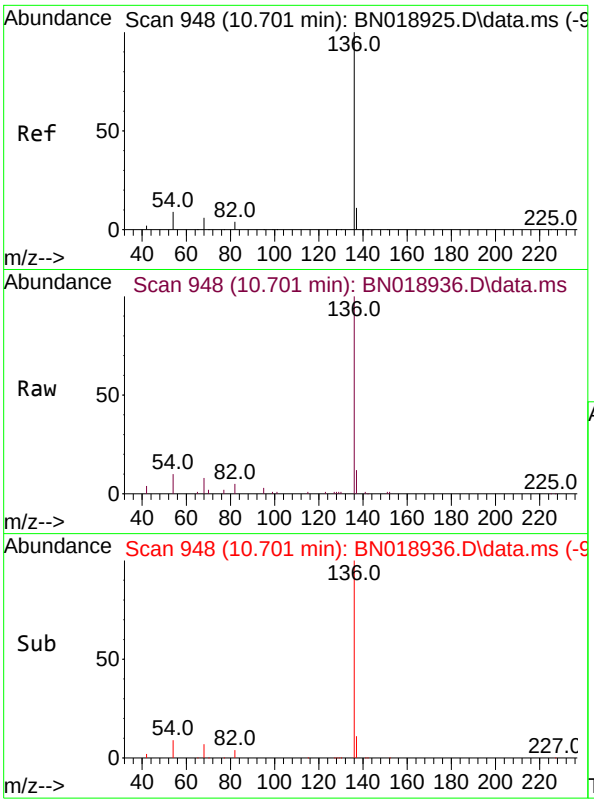


#5
Phenol-d6
Concen: 0.070 ng
RT: 7.053 min Scan# 550
Delta R.T. 0.000 min
Lab File: BN018936.D
Acq: 14 Mar 2022 15:07

Tgt Ion: 99 Resp: 1364

Ion	Ratio	Lower	Upper
99	100		
42	37.0	16.2	24.4#
71	55.6	27.7	41.5#



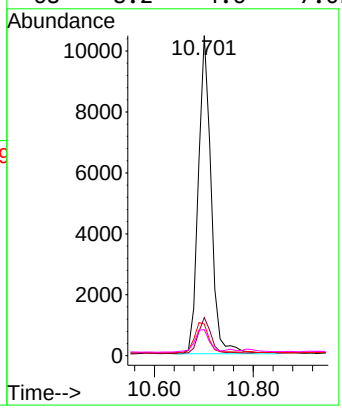


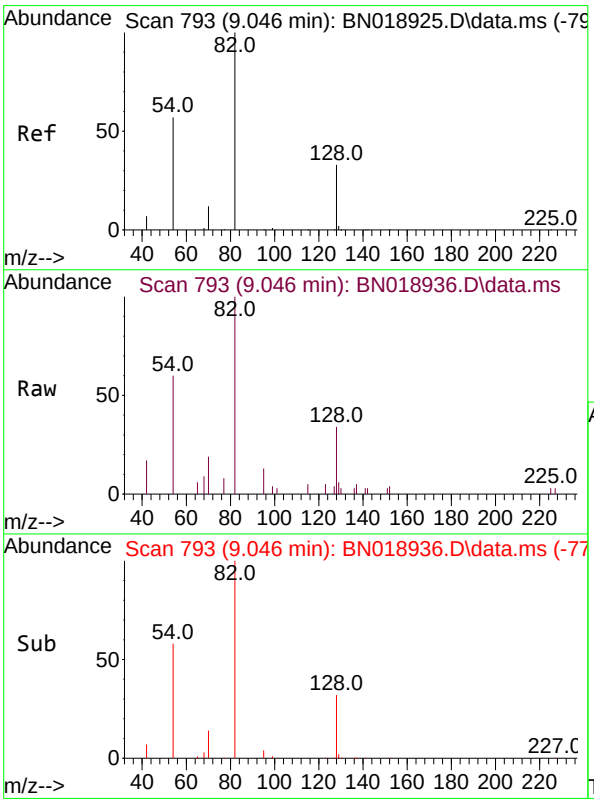
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.701 min Scan# 94
Delta R.T. 0.000 min
Lab File: BN018936.D
Acq: 14 Mar 2022 15:07

Instrument :
BNA_N
ClientSampleId :
TW-01

Tgt Ion:136 Resp: 18692

Ion	Ratio	Lower	Upper
136	100		
137	11.9	9.0	13.4
54	9.9	5.8	8.6#
68	8.2	4.6	7.0#

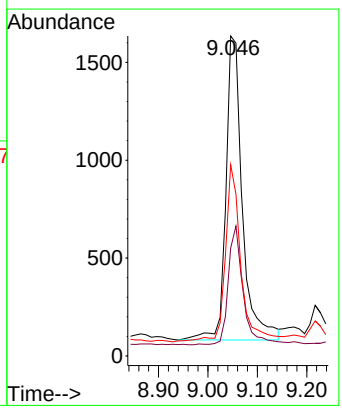


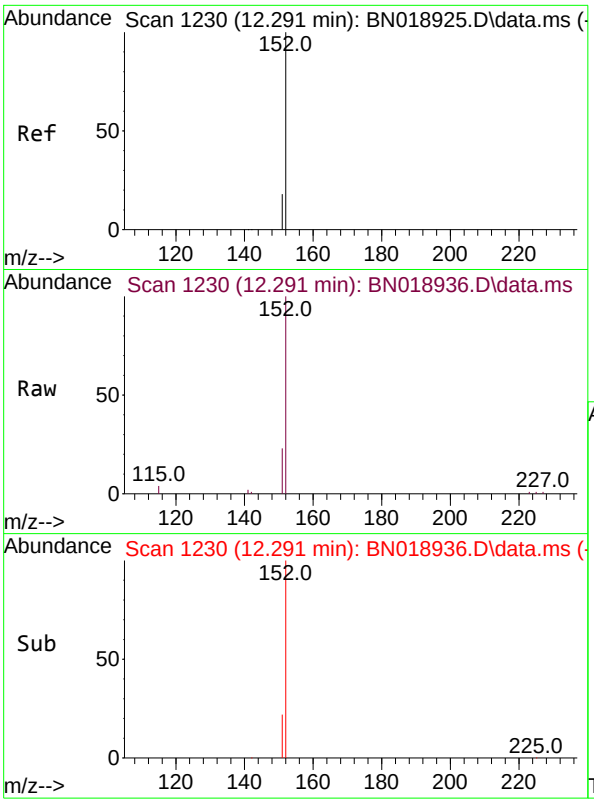


#8
Nitrobenzene-d5
Concen: 0.232 ng
RT: 9.046 min Scan# 793
Delta R.T. 0.000 min
Lab File: BN018936.D
Acq: 14 Mar 2022 15:07

Tgt Ion: 82 Resp: 3604

Ion	Ratio	Lower	Upper
82	100		
128	33.7	33.0	49.6
54	59.8	42.5	63.7



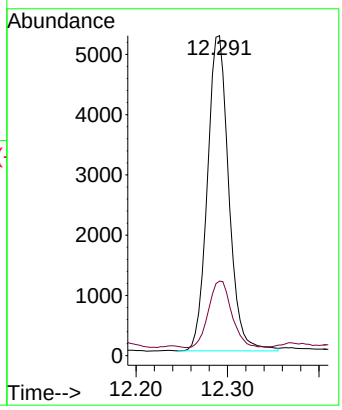


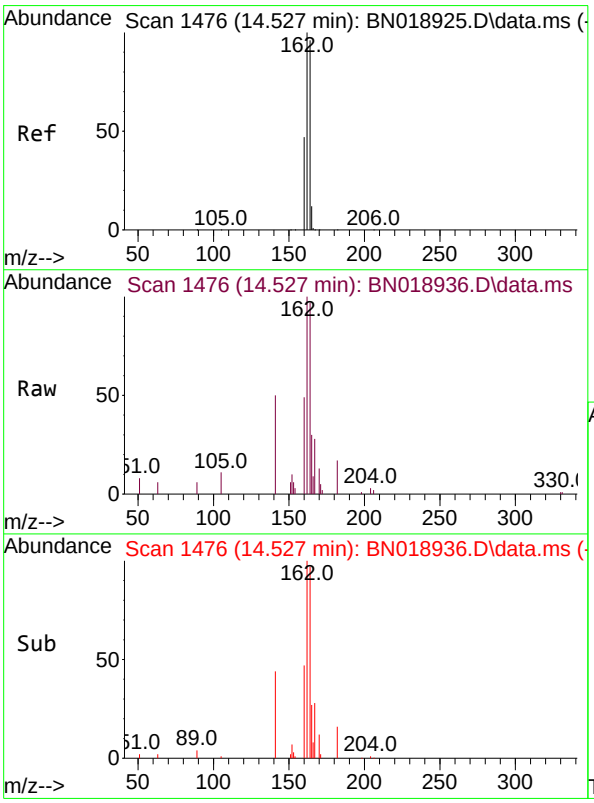
#11
2-Methylnaphthalene-d10
Concen: 0.276 ng
RT: 12.291 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN018936.D
Acq: 14 Mar 2022 15:07

Instrument :
BNA_N
ClientSampleId :
TW-01

Tgt Ion:152 Resp: 8503

Ion	Ratio	Lower	Upper
152	100		
151	22.9	16.5	24.7

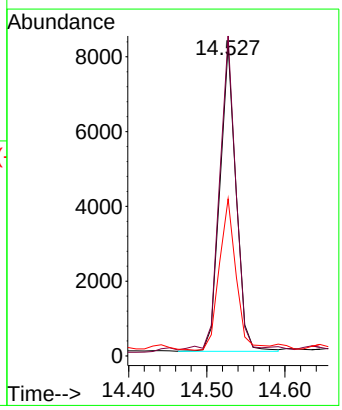


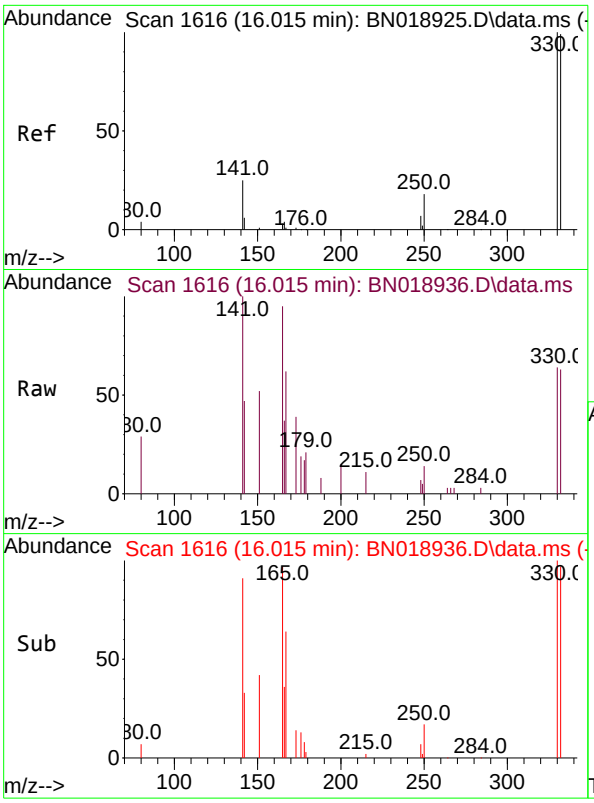


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.527 min Scan# 1476
Delta R.T. 0.000 min
Lab File: BN018936.D
Acq: 14 Mar 2022 15:07

Tgt Ion:164 Resp: 11759

Ion	Ratio	Lower	Upper
164	100		
162	102.9	85.2	127.8
160	50.5	41.5	62.3



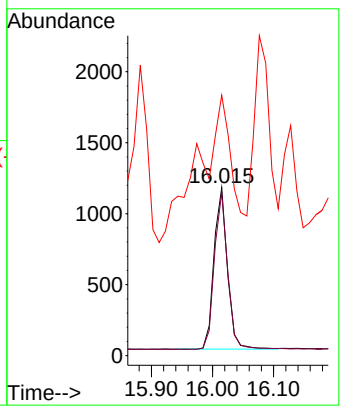


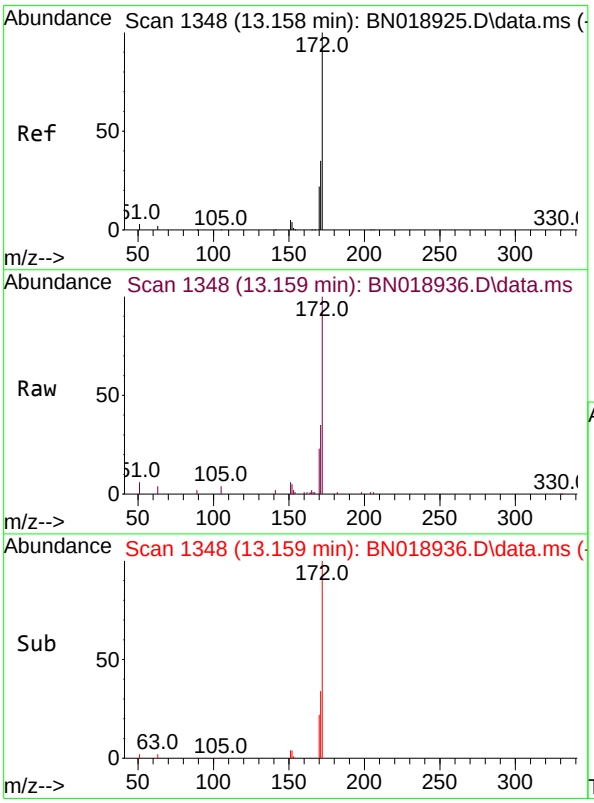
#14
2,4,6-Tribromophenol
Concen: 0.282 ng
RT: 16.015 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN018936.D
Acq: 14 Mar 2022 15:07

Instrument :
BNA_N
ClientSampleId :
TW-01

Tgt Ion:330 Resp: 1729

Ion	Ratio	Lower	Upper
330	100		
332	97.0	76.8	115.2
141	78.5	32.2	48.2#

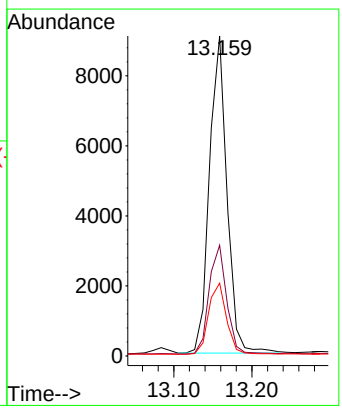


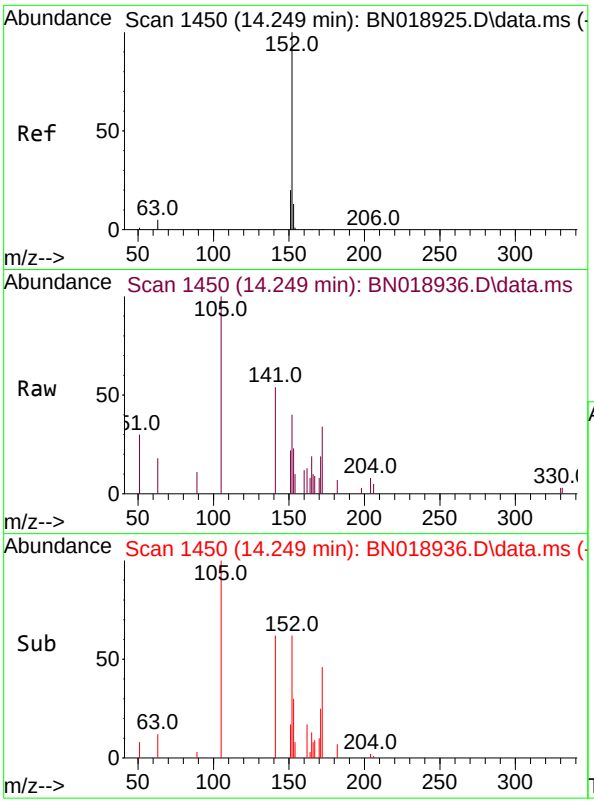


#15
2-Fluorobiphenyl
Concen: 0.276 ng
RT: 13.159 min Scan# 1348
Delta R.T. 0.000 min
Lab File: BN018936.D
Acq: 14 Mar 2022 15:07

Tgt Ion:172 Resp: 14121

Ion	Ratio	Lower	Upper
172	100		
171	34.6	28.2	42.2
170	22.7	18.7	28.1



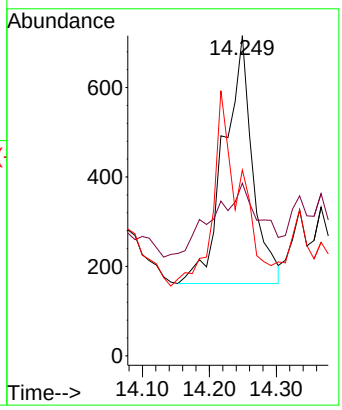


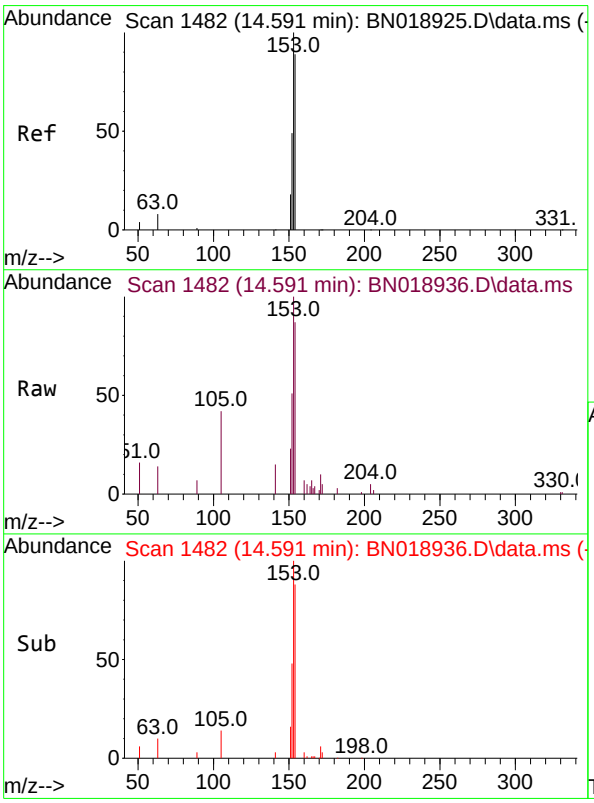
#16
Acenaphthylene
Concen: 0.029 ng
RT: 14.249 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN018936.D
Acq: 14 Mar 2022 15:07

Instrument :
BNA_N
ClientSampleId :
TW-01

Tgt Ion:152 Resp: 1640

Ion	Ratio	Lower	Upper
152	100		
151	45.0	15.9	23.9#
153	0.0	10.6	15.8#

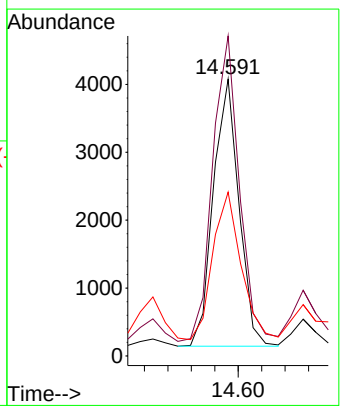


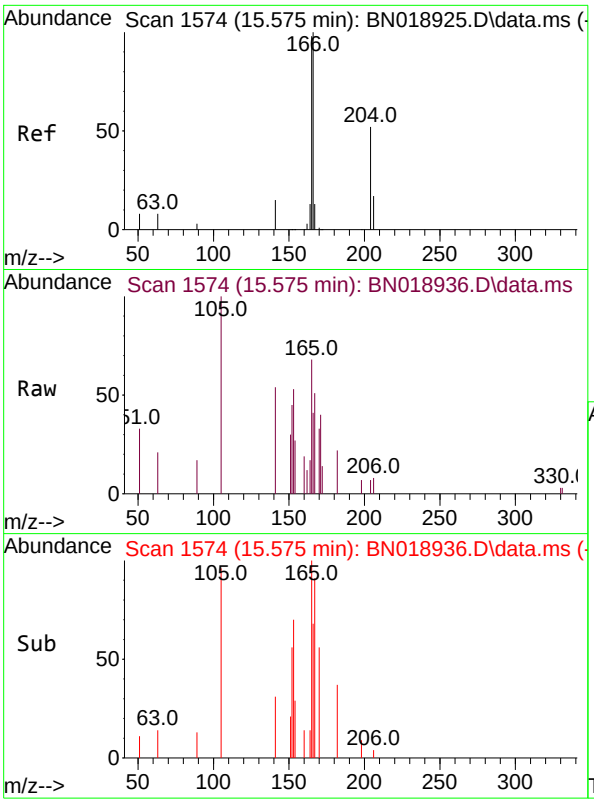


#17
Acenaphthene
Concen: 0.152 ng
RT: 14.591 min Scan# 1482
Delta R.T. 0.000 min
Lab File: BN018936.D
Acq: 14 Mar 2022 15:07

Tgt Ion:154 Resp: 5957

Ion	Ratio	Lower	Upper
154	100		
153	119.0	89.7	134.5
152	61.2	44.7	67.1





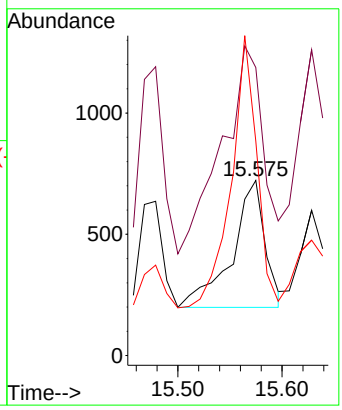
#18
Fluorene
Concen: 0.023 ng
RT: 15.575 min Scan# 1

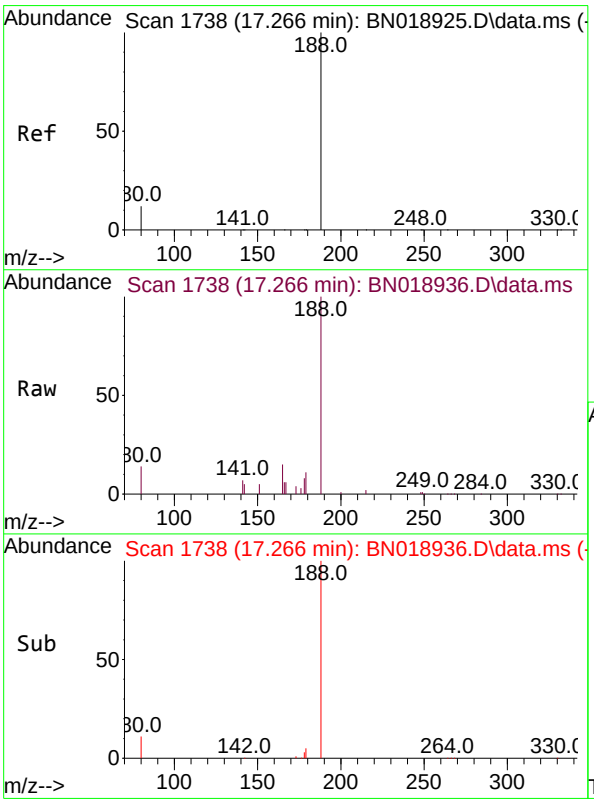
Instrument :
BNA_N
ClientSampleId :
TW-01

Delta R.T. 0.000 min
Lab File: BN018936.D
Acq: 14 Mar 2022 15:07

Tgt Ion:166 Resp: 1154

Ion	Ratio	Lower	Upper
166	100		
165	203.9	79.2	118.8#
167	166.7	10.7	16.1#

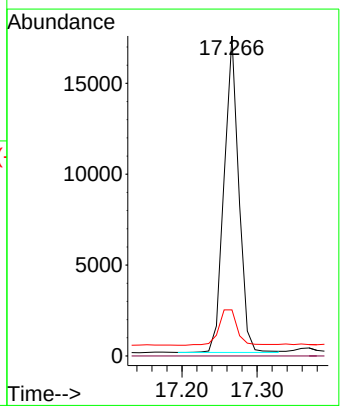


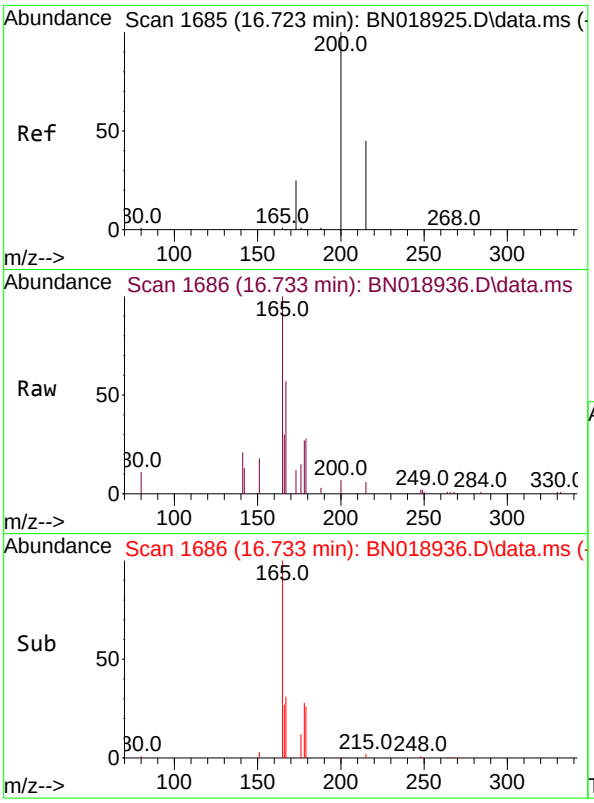


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.266 min Scan# 1738
Delta R.T. 0.000 min
Lab File: BN018936.D
Acq: 14 Mar 2022 15:07

Tgt Ion:188 Resp: 23571

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	14.4	11.8	17.8



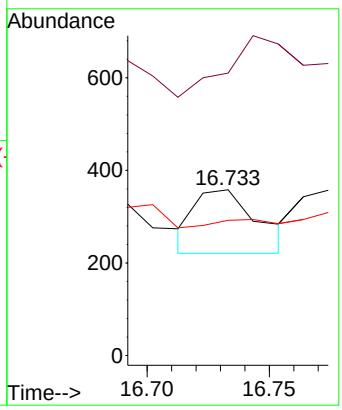


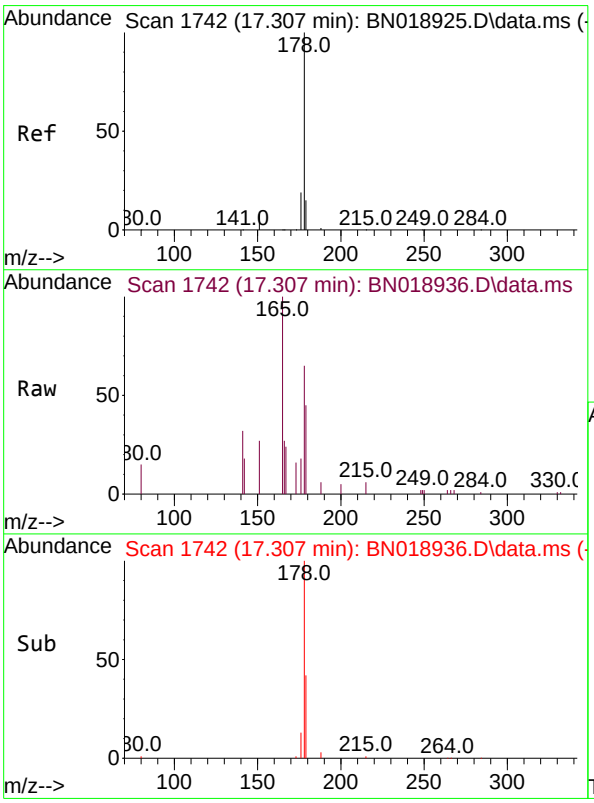
#23
Atrazine
Concen: 0.023 ng
RT: 16.733 min Scan# 1
Delta R.T. 0.011 min
Lab File: BN018936.D
Acq: 14 Mar 2022 15:07

Instrument :
BNA_N
ClientSampleId :
TW-01

Tgt Ion:200 Resp: 245

Ion	Ratio	Lower	Upper
200	100		
173	170.4	23.9	35.9#
215	81.6	36.6	54.8#

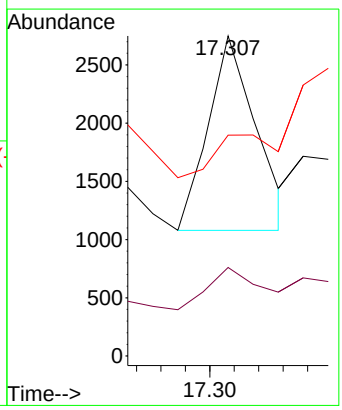


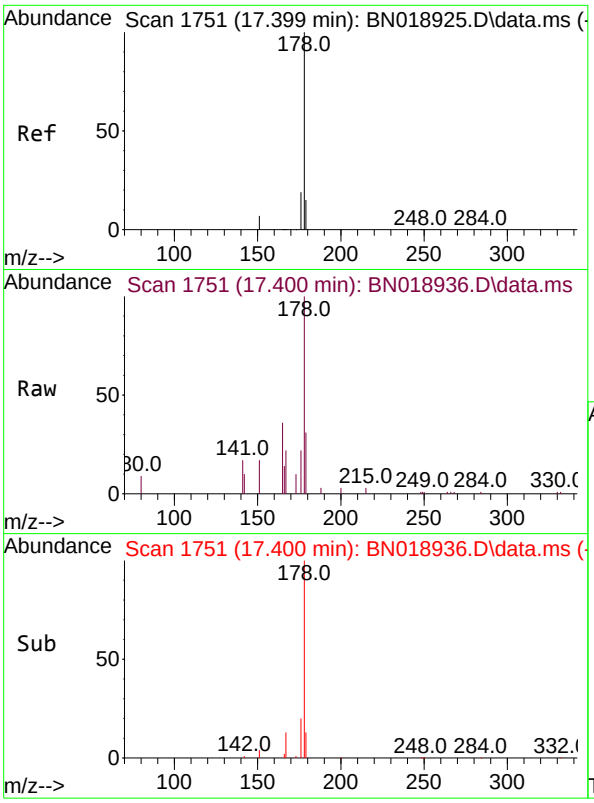


#25
Phenanthrene
Concen: 0.029 ng
RT: 17.307 min Scan# 1742
Delta R.T. 0.000 min
Lab File: BN018936.D
Acq: 14 Mar 2022 15:07

Tgt Ion:178 Resp: 2271

Ion	Ratio	Lower	Upper
178	100		
176	24.0	15.4	23.0#
179	0.0	12.2	18.2#



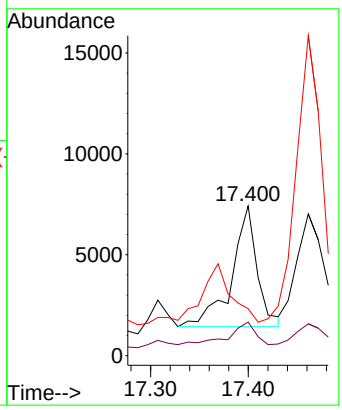


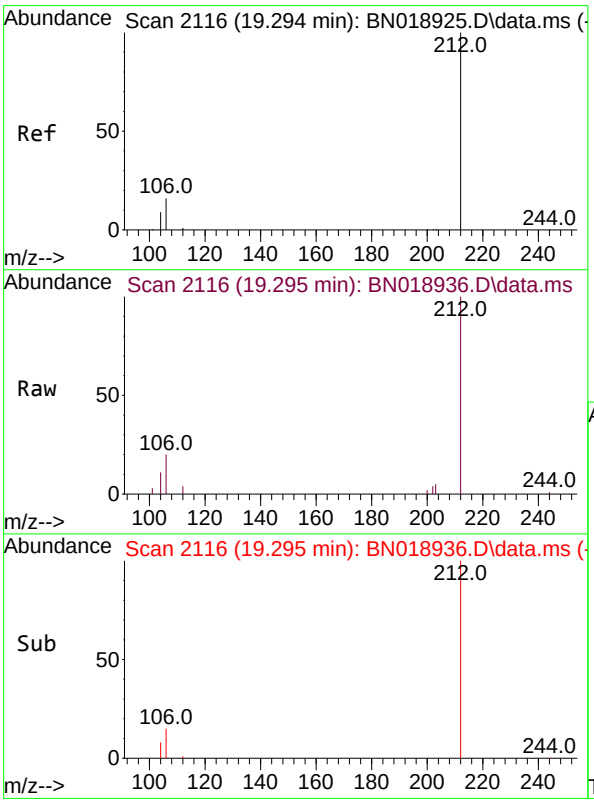
#26
Anthracene
Concen: 0.157 ng
RT: 17.400 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN018936.D
Acq: 14 Mar 2022 15:07

Instrument :
BNA_N
ClientSampleId :
TW-01

Tgt Ion:178 Resp: 10807

Ion	Ratio	Lower	Upper
178	100		
176	18.9	14.8	22.2
179	0.0	12.2	18.4#

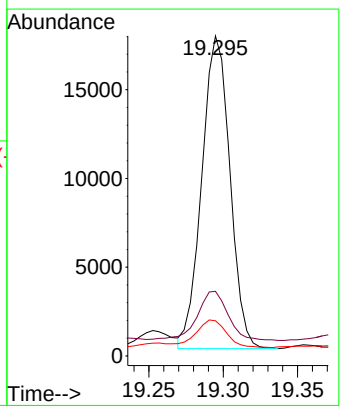


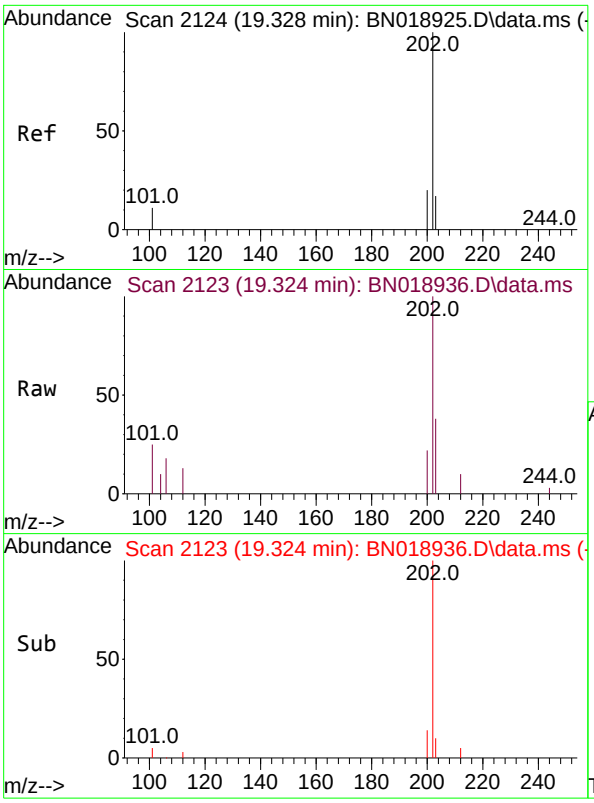


#27
Fluoranthene-d10
Concen: 0.347 ng
RT: 19.295 min Scan# 2116
Delta R.T. 0.000 min
Lab File: BN018936.D
Acq: 14 Mar 2022 15:07

Tgt Ion:212 Resp: 23157

Ion	Ratio	Lower	Upper
212	100		
106	17.4	12.7	19.1
104	9.7	7.1	10.7



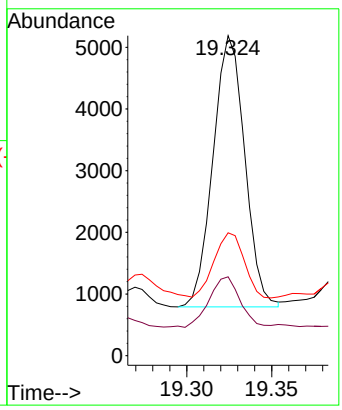


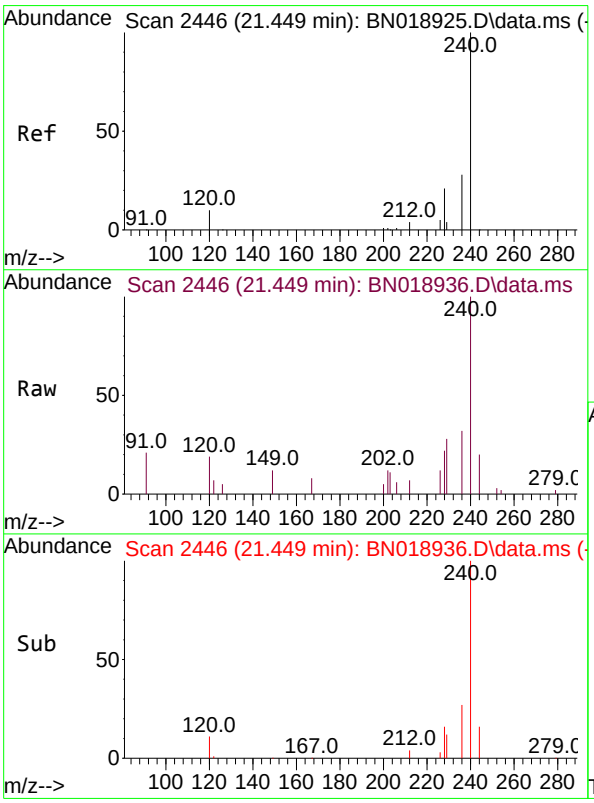
#28
Fluoranthene
Concen: 0.068 ng
RT: 19.324 min Scan# 21
Delta R.T. -0.004 min
Lab File: BN018936.D
Acq: 14 Mar 2022 15:07

Instrument :
BNA_N
ClientSampleId :
TW-01

Tgt Ion:202 Resp: 5711

Ion	Ratio	Lower	Upper
202	100		
101	18.2	9.8	14.6#
203	22.6	13.7	20.5#

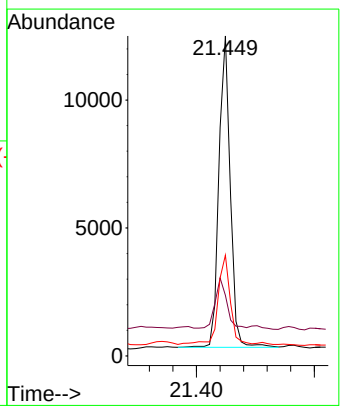


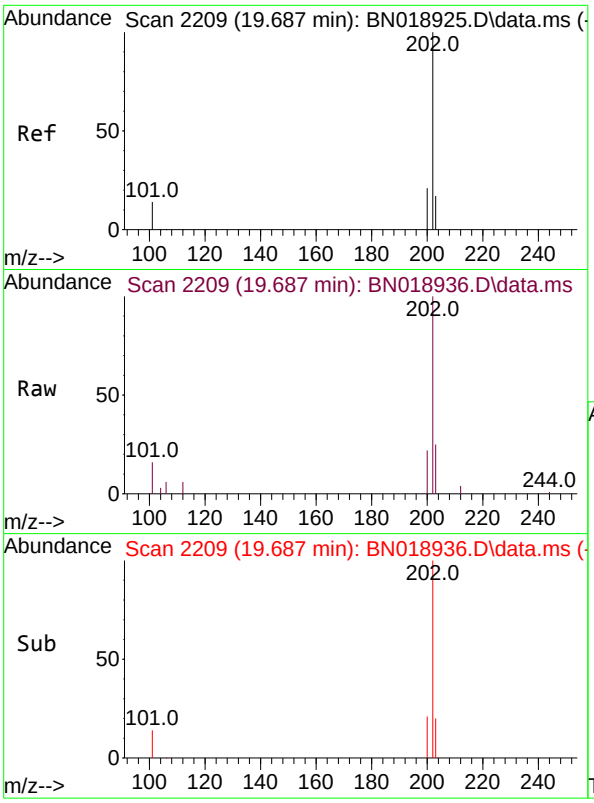


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.449 min Scan# 2446
Delta R.T. 0.000 min
Lab File: BN018936.D
Acq: 14 Mar 2022 15:07

Tgt Ion:240 Resp: 16225

Ion	Ratio	Lower	Upper
240	100		
120	19.0	8.5	12.7#
236	31.5	22.4	33.6



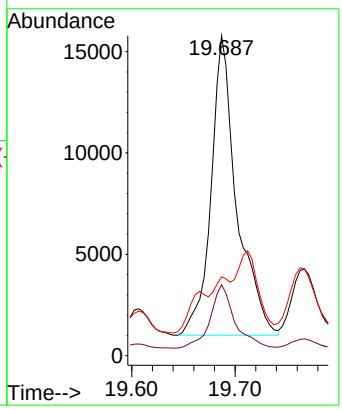


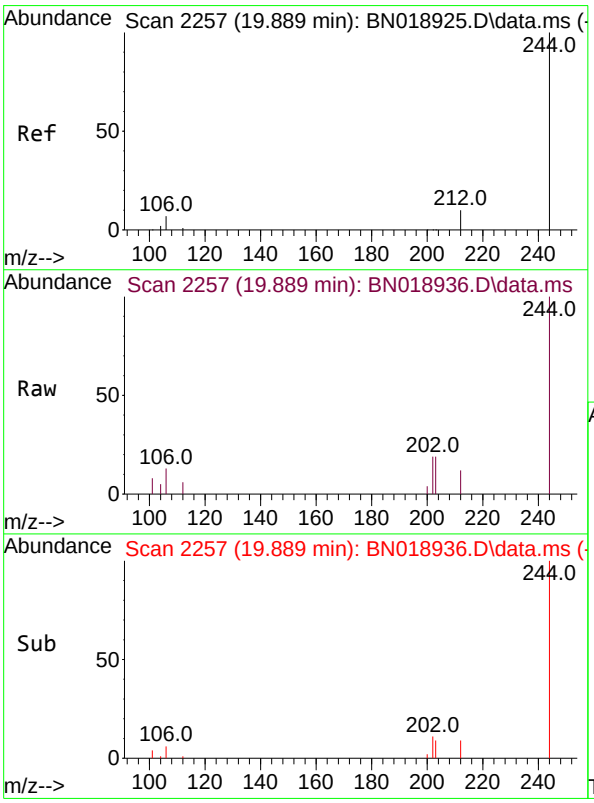
#30
Pyrene
Concen: 0.328 ng
RT: 19.687 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN018936.D
Acq: 14 Mar 2022 15:07

Instrument :
BNA_N
ClientSampleId :
TW-01

Tgt Ion:202 Resp: 25594

Ion	Ratio	Lower	Upper
202	100		
200	20.2	16.9	25.3
203	8.6	14.2	21.2#

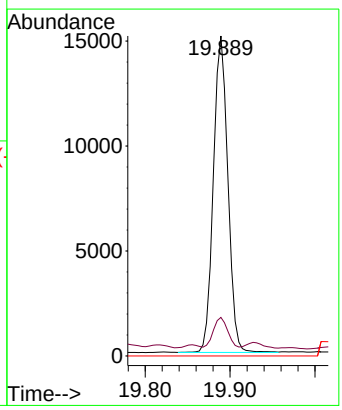


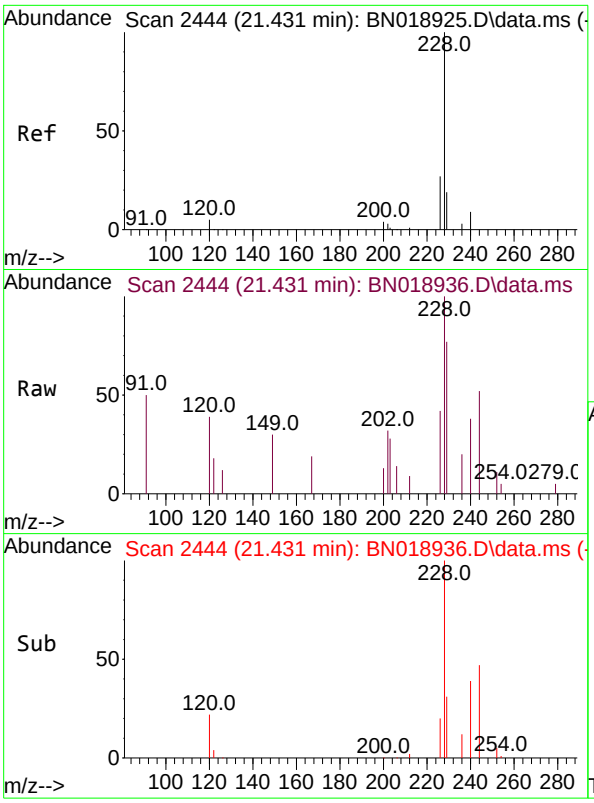


#31
Terphenyl-d14
Concen: 0.495 ng
RT: 19.889 min Scan# 2257
Delta R.T. 0.000 min
Lab File: BN018936.D
Acq: 14 Mar 2022 15:07

Tgt Ion:244 Resp: 17863

Ion	Ratio	Lower	Upper
244	100		
212	12.0	8.2	12.4
122	0.0	0.0	0.0



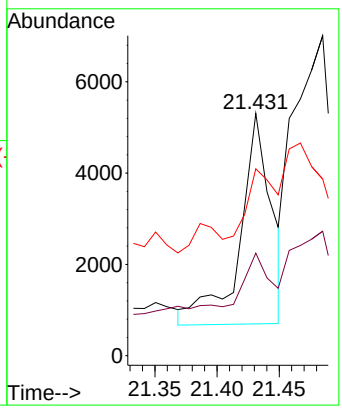


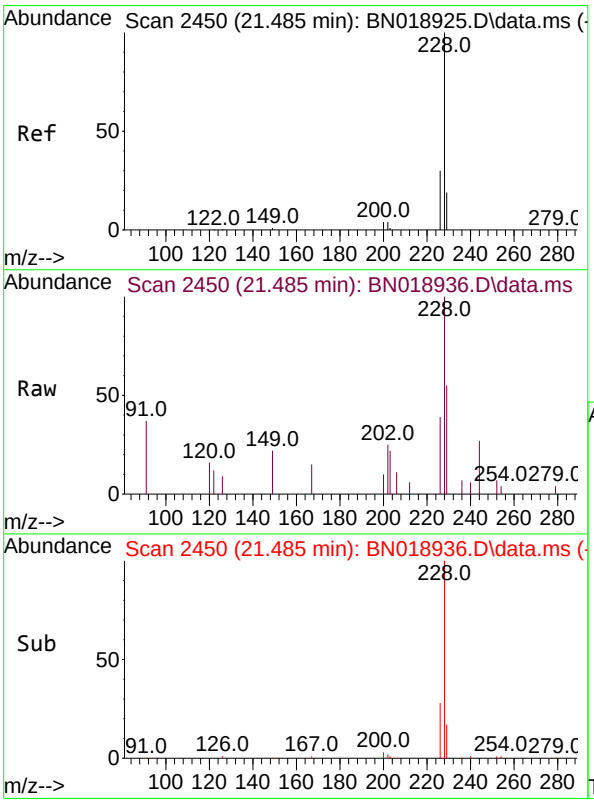
#32
Benzo(a)anthracene
Concen: 0.126 ng
RT: 21.431 min Scan# 24
Delta R.T. 0.000 min
Lab File: BN018936.D
Acq: 14 Mar 2022 15:07

Instrument :
BNA_N
ClientSampleId :
TW-01

Tgt Ion:228 Resp: 8119

Ion	Ratio	Lower	Upper
228	100		
226	42.3	21.9	32.9#
229	77.2	16.0	24.0#

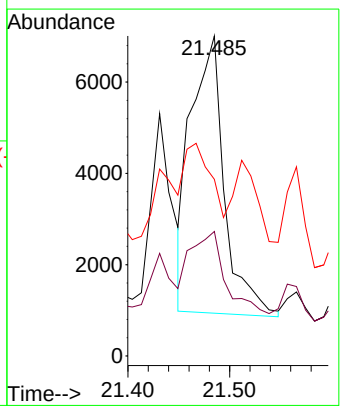


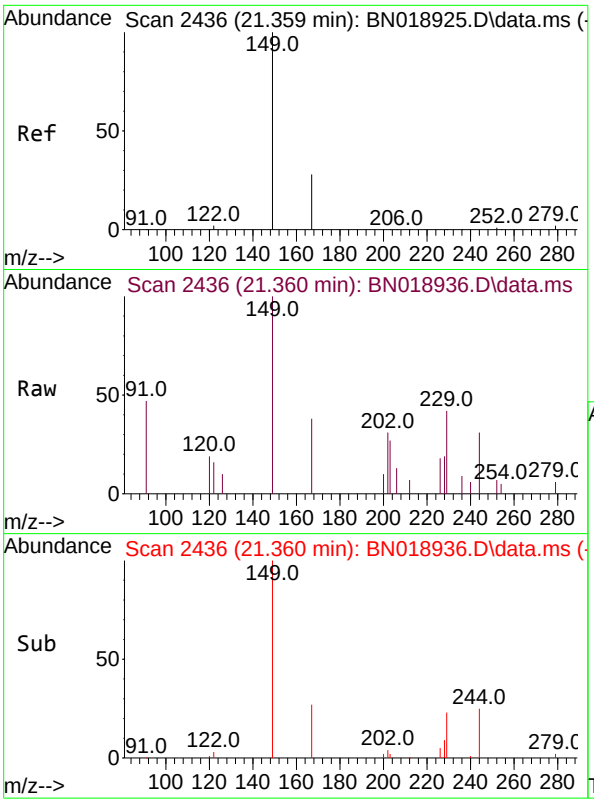


#33
Chrysene
Concen: 0.205 ng
RT: 21.485 min Scan# 2450
Delta R.T. 0.000 min
Lab File: BN018936.D
Acq: 14 Mar 2022 15:07

Tgt Ion:228 Resp: 13906

Ion	Ratio	Lower	Upper
228	100		
226	38.9	24.0	36.0#
229	55.2	15.9	23.9#



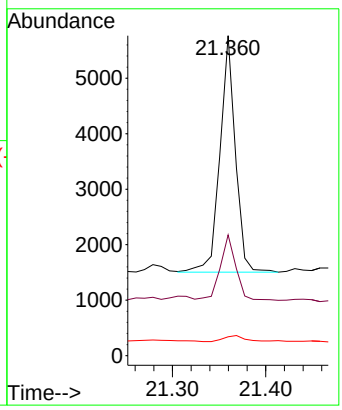


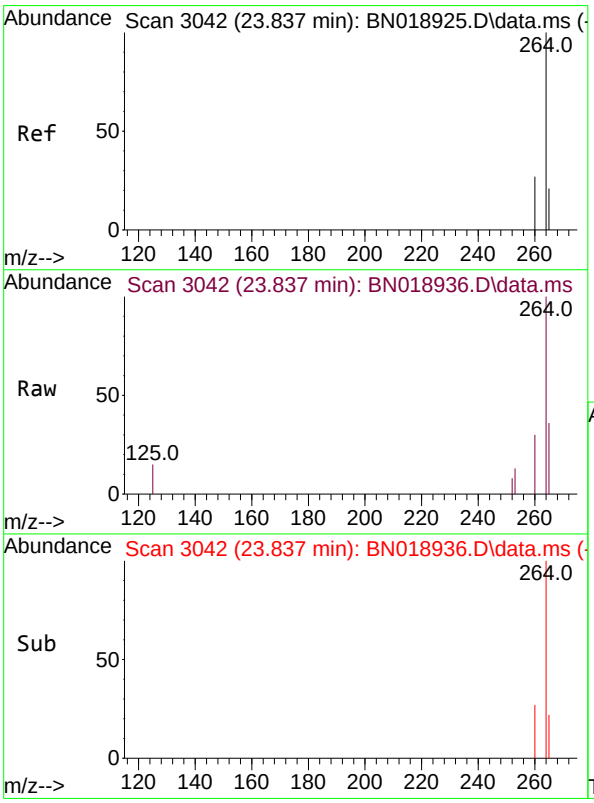
#34
Bis(2-ethylhexyl)phthalate
Concen: 0.168 ng
RT: 21.360 min Scan# 24
Delta R.T. 0.000 min
Lab File: BN018936.D
Acq: 14 Mar 2022 15:07

Instrument :
BNA_N
ClientSampleId :
TW-01

Tgt Ion:149 Resp: 4890

Ion	Ratio	Lower	Upper
149	100		
167	27.8	21.8	32.8
279	3.7	2.0	3.0#

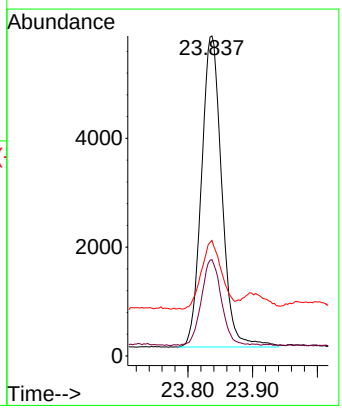


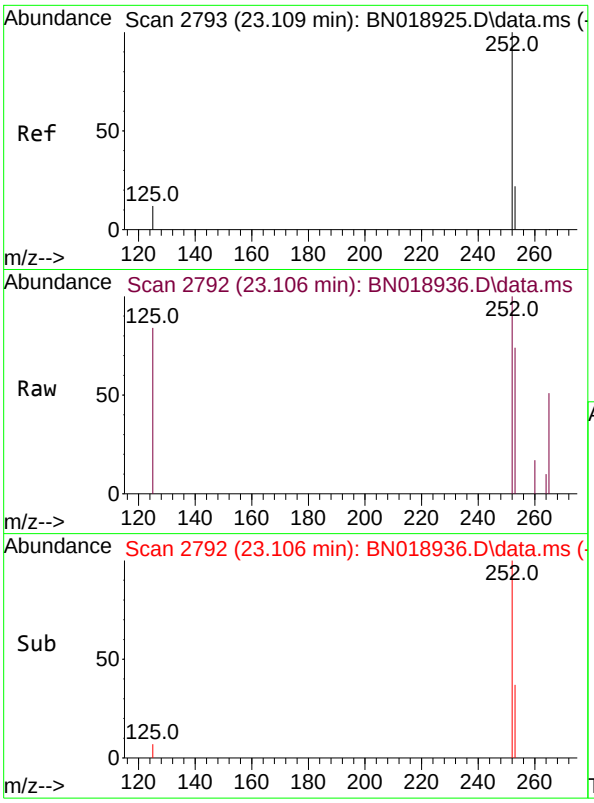


#35
Perylene-d12
Concen: 0.400 ng
RT: 23.837 min Scan# 3042
Delta R.T. 0.000 min
Lab File: BN018936.D
Acq: 14 Mar 2022 15:07

Tgt Ion:264 Resp: 12481

Ion	Ratio	Lower	Upper
264	100		
260	30.1	22.4	33.6
265	36.1	25.3	37.9



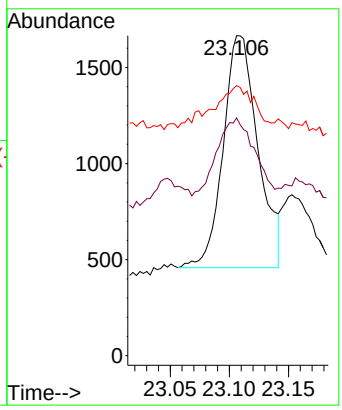


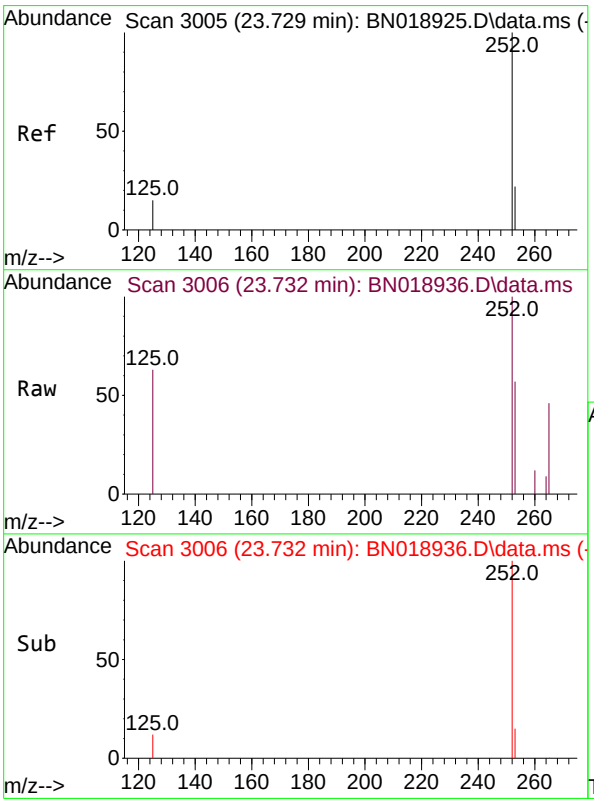
#37
Benzo(b)fluoranthene
Concen: 0.044 ng
RT: 23.106 min Scan# 2
Delta R.T. -0.003 min
Lab File: BN018936.D
Acq: 14 Mar 2022 15:07

Instrument :
BNA_N
ClientSampleId :
TW-01

Tgt Ion:252 Resp: 2472

Ion	Ratio	Lower	Upper
252	100		
253	74.3	18.9	28.3#
125	84.4	12.1	18.1#

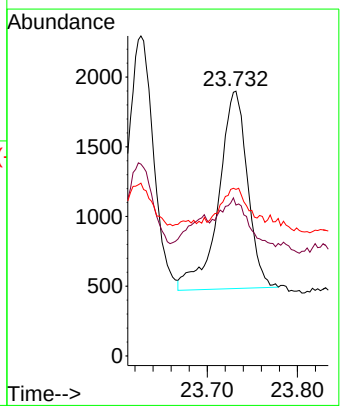


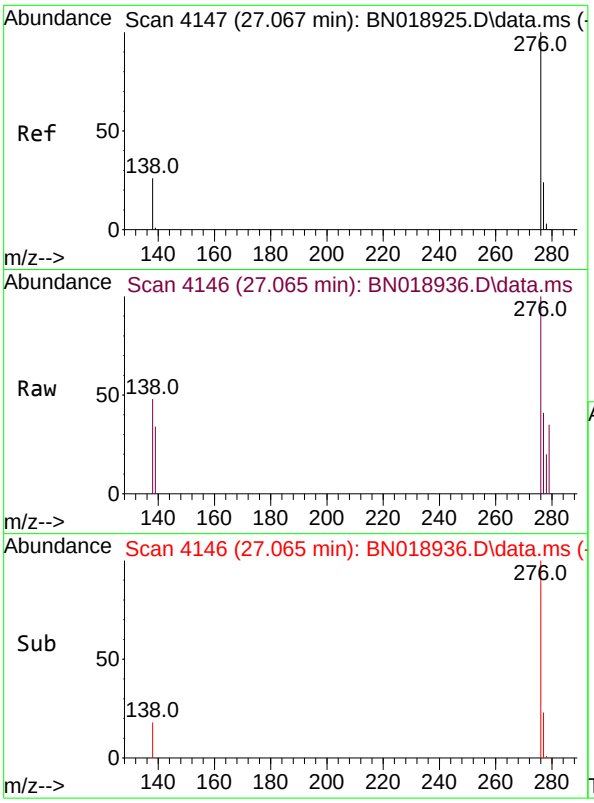


#39
Benzo(a)pyrene
Concen: 0.070 ng
RT: 23.732 min Scan# 3006
Delta R.T. 0.003 min
Lab File: BN018936.D
Acq: 14 Mar 2022 15:07

Tgt Ion:252 Resp: 3151

Ion	Ratio	Lower	Upper
252	100		
253	57.0	20.1	30.1#
125	62.9	15.2	22.8#





#41
Benzo(g,h,i)perylene
Concen: 0.038 ng
RT: 27.065 min Scan# 4
Delta R.T. -0.003 min
Lab File: BN018936.D
Acq: 14 Mar 2022 15:07

Instrument :
BNA_N
ClientSampleId :
TW-01

Tgt Ion:276 Resp: 1922

Ion	Ratio	Lower	Upper
276	100		
277	41.5	19.4	29.0#
138	48.2	21.0	31.6#