Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031422\
Data File : BN018935.D
Acq On : 14 Mar 2022 14:32
Operator : CG/JU
Sample : PB143270BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB143270BS

Quant Time: Mar 14 15:15:16 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	5563	0.400	ng		0.00
7) Naphthalene-d8	10.701	136	14721	0.400	ng	#	0.00
13) Acenaphthene-d10	14.527	164	9017	0.400	ng		0.00
19) Phenanthrene-d10	17.267	188	20233	0.400	ng	#	0.00
29) Chrysene-d12	21.449	240	16890	0.400	ng		0.00
35) Perylene-d12	23.834	264	14101	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.449	112	4364	0.312	ng		0.00
5) Phenol-d6	7.053	99	4889	0.299	ng		0.00
8) Nitrobenzene-d5	9.046	82	3484	0.285	ng		0.00
11) 2-Methylnaphthalene-d10	12.291	152	8220	0.339	ng		0.00
14) 2,4,6-Tribromophenol	16.015	330	1265	0.269	ng		0.00
15) 2-Fluorobiphenyl	13.159	172	13431	0.342	ng		0.00
27) Fluoranthene-d10	19.295	212	19998	0.349	ng		0.00
31) Terphenyl-d14	19.889	244	12514	0.333	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.304	88	2359	0.359	ng		97
3) n-Nitrosodimethylamine	3.629	42	2296	0.302	ng		98
6) bis(2-Chloroethyl)ether	7.313	93	5489	0.339	ng		98
9) Naphthalene	10.754	128	14744	0.347	ng		100
10) Hexachlorobutadiene	11.053	225	3355	0.346	ng	#	99
12) 2-Methylnaphthalene	12.363	142	10392	0.362	ng		99
16) Acenaphthylene	14.249	152	13062	0.302	ng		99
17) Acenaphthene	14.591	154	9847	0.328	ng		97
18) Fluorene	15.575	166	13187	0.344	ng		99
20) 4,6-Dinitro-2-methylph...	15.650	198	846	0.244	ng		96
21) 4-Bromophenyl-phenylether	16.456	248	4503	0.327	ng	#	83
22) Hexachlorobenzene	16.579	284	5611	0.345	ng		99
23) Atrazine	16.723	200	2560	0.278	ng		95
24) Pentachlorophenol	16.928	266	893	0.185	ng		97
25) Phenanthrene	17.308	178	23098	0.339	ng		100
26) Anthracene	17.400	178	18719	0.317	ng		99
28) Fluoranthene	19.324	202	25514	0.353	ng		100
30) Pyrene	19.687	202	25561	0.315	ng		100
32) Benzo(a)anthracene	21.431	228	21283	0.318	ng		100
33) Chrysene	21.485	228	24842	0.352	ng		100
34) Bis(2-ethylhexyl)phtha...	21.360	149	8611	0.285	ng		99
36) Indeno(1,2,3-cd)pyrene	26.311	276	21496	0.329	ng		99
37) Benzo(b)fluoranthene	23.109	252	21772	0.343	ng		100
38) Benzo(k)fluoranthene	23.153	252	21692	0.345	ng		99
39) Benzo(a)pyrene	23.729	252	17046	0.334	ng		99
40) Dibenzo(a,h)anthracene	26.322	278	16220	0.323	ng		99
41) Benzo(g,h,i)perylene	27.068	276	17888	0.316	ng		100

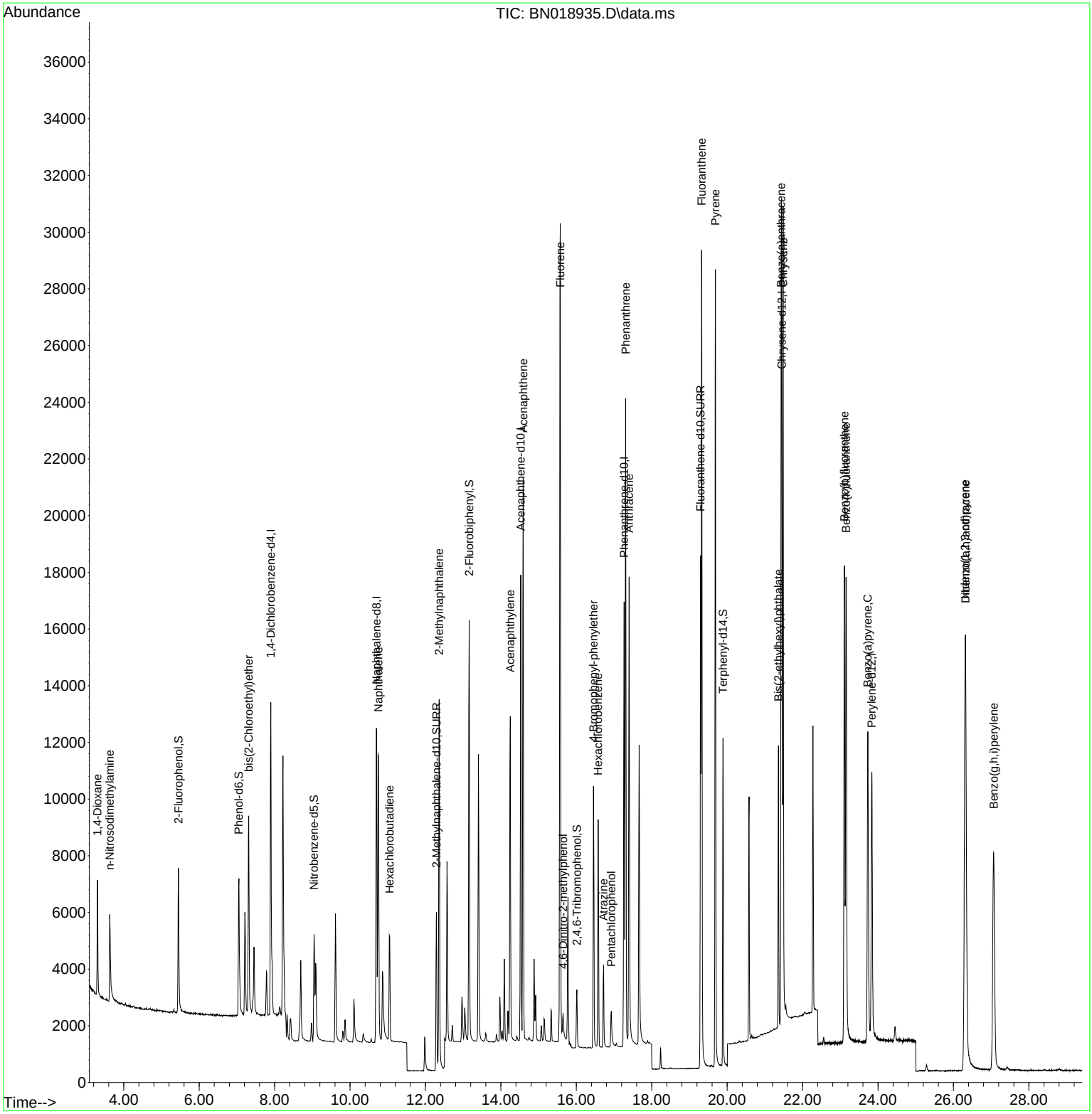
(#) = qualifier out of range (m) = manual integration (+) = signals summed

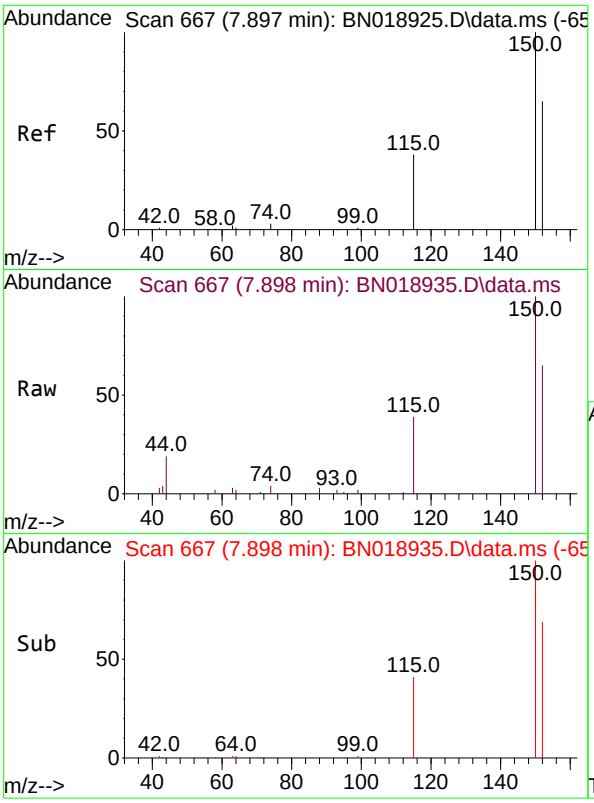
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031422\
Data File : BN018935.D
Acq On : 14 Mar 2022 14:32
Operator : CG/JU
Sample : PB143270BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB143270BS

Quant Time: Mar 14 15:15:16 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



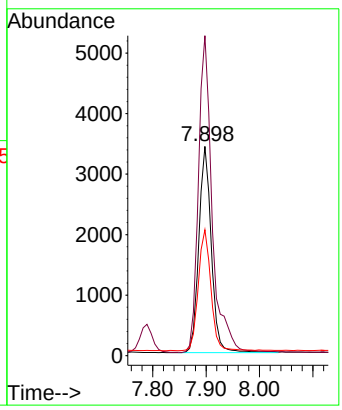


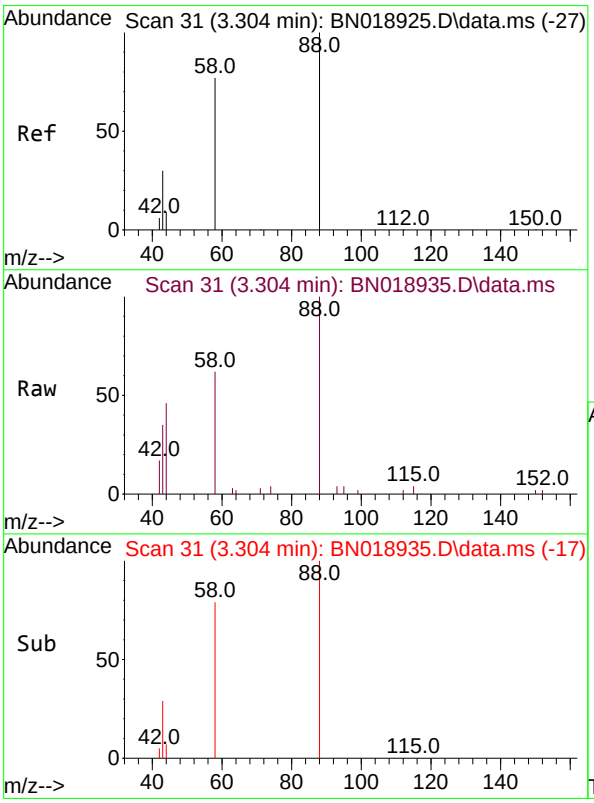
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.898 min Scan# 6
Delta R.T. 0.001 min
Lab File: BN018935.D
Acq: 14 Mar 2022 14:32

Instrument :
BNA_N
ClientSampleId :
PB143270BS

Tgt Ion:152 Resp: 5563

Ion	Ratio	Lower	Upper
152	100		
150	152.9	123.9	185.9
115	60.1	48.2	72.4

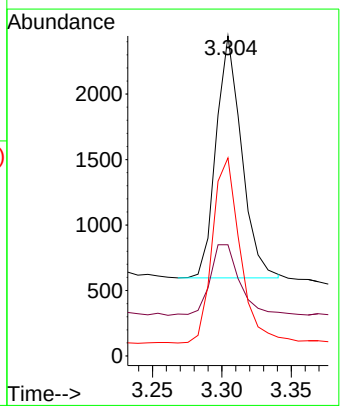


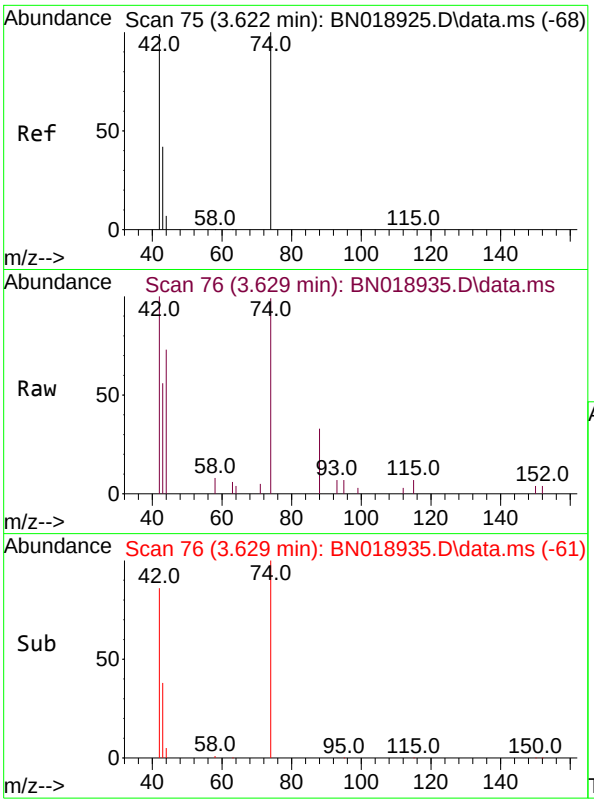


#2
1,4-Dioxane
Concen: 0.359 ng
RT: 3.304 min Scan# 31
Delta R.T. 0.000 min
Lab File: BN018935.D
Acq: 14 Mar 2022 14:32

Tgt Ion: 88 Resp: 2359

Ion	Ratio	Lower	Upper
88	100		
43	33.9	24.6	37.0
58	83.1	65.4	98.2



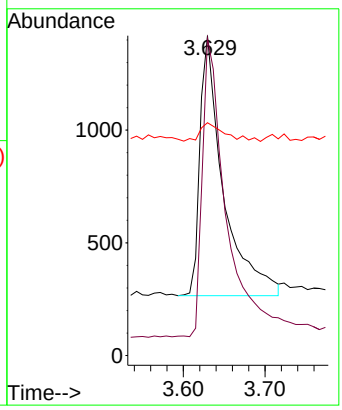


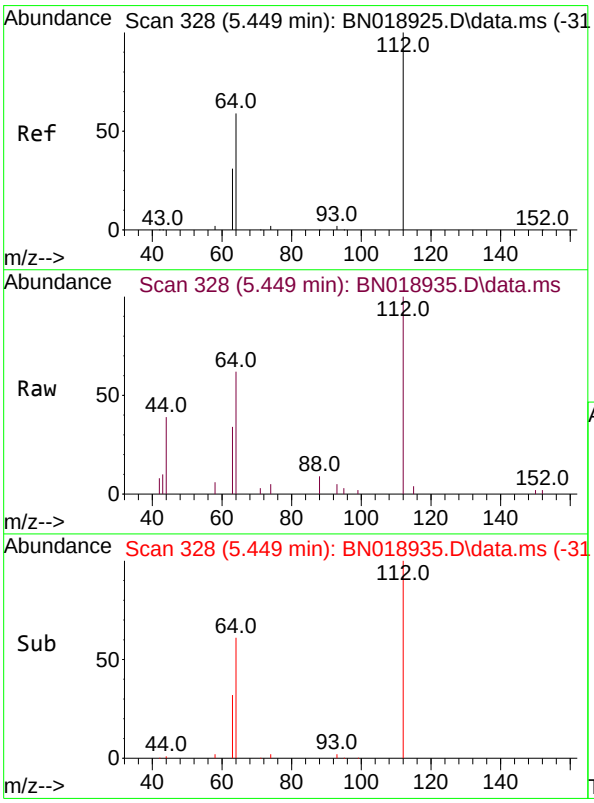
#3
n-Nitrosodimethylamine
Concen: 0.302 ng
RT: 3.629 min Scan# 7
Delta R.T. 0.008 min
Lab File: BN018935.D
Acq: 14 Mar 2022 14:32

Instrument :
BNA_N
ClientSampleId :
PB143270BS

Tgt Ion: 42 Resp: 2296

Ion	Ratio	Lower	Upper
42	100		
74	118.7	96.9	145.3
44	7.5	7.3	10.9

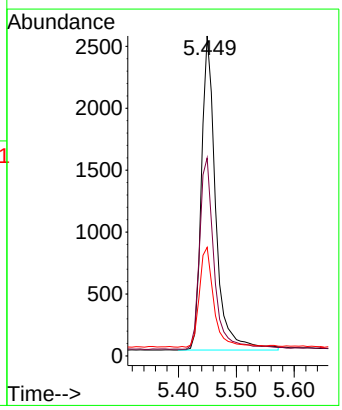


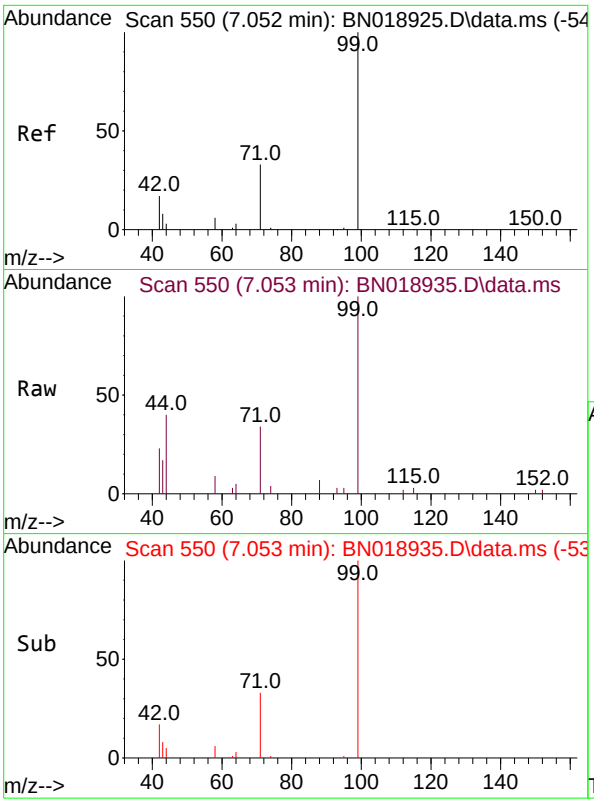


#4
2-Fluorophenol
Concen: 0.312 ng
RT: 5.449 min Scan# 328
Delta R.T. 0.000 min
Lab File: BN018935.D
Acq: 14 Mar 2022 14:32

Tgt Ion:112 Resp: 4364

Ion	Ratio	Lower	Upper
112	100		
64	62.4	47.8	71.8
63	32.3	25.7	38.5



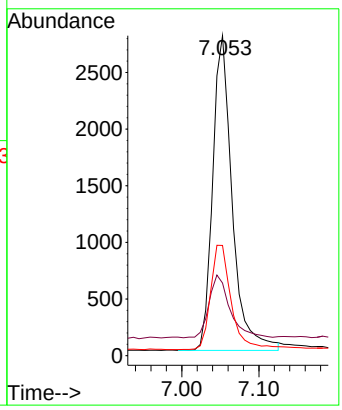


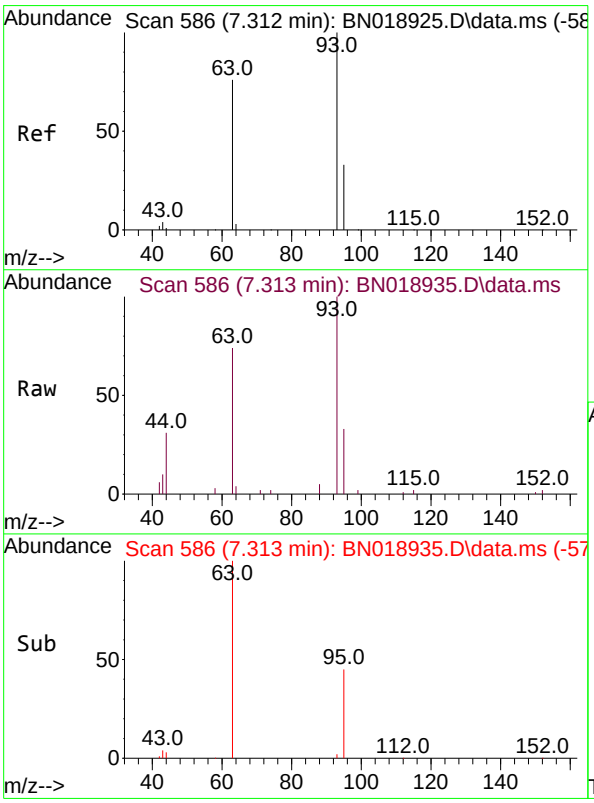
#5
Phenol-d6
Concen: 0.299 ng
RT: 7.053 min Scan# 5
Delta R.T. 0.000 min
Lab File: BN018935.D
Acq: 14 Mar 2022 14:32

Instrument :
BNA_N
ClientSampleId :
PB143270BS

Tgt Ion: 99 Resp: 4889

Ion	Ratio	Lower	Upper
99	100		
42	21.3	16.2	24.4
71	35.1	27.7	41.5

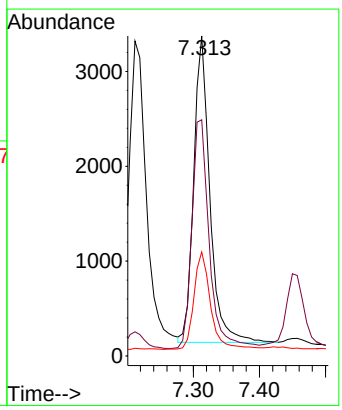


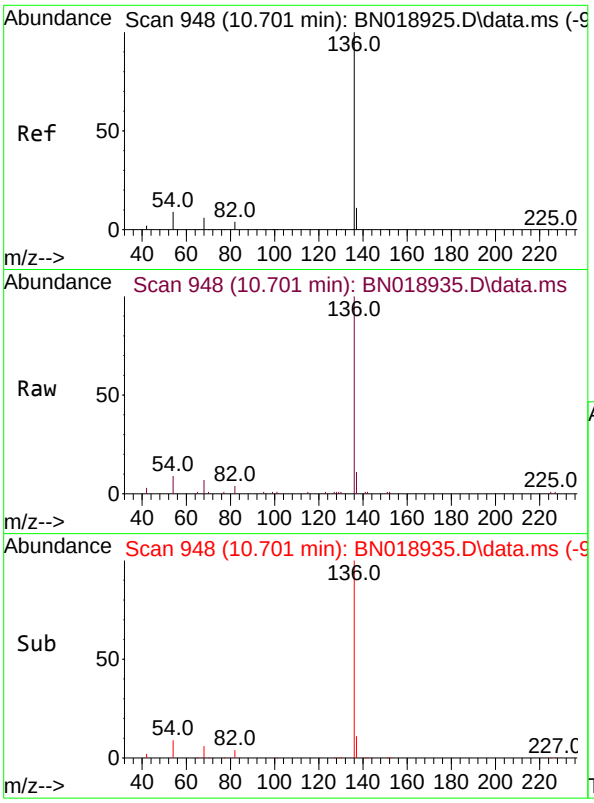


#6
bis(2-Chloroethyl)ether
Concen: 0.339 ng
RT: 7.313 min Scan# 586
Delta R.T. 0.000 min
Lab File: BN018935.D
Acq: 14 Mar 2022 14:32

Tgt Ion: 93 Resp: 5489

Ion	Ratio	Lower	Upper
93	100		
63	80.7	62.8	94.2
95	32.7	26.2	39.4



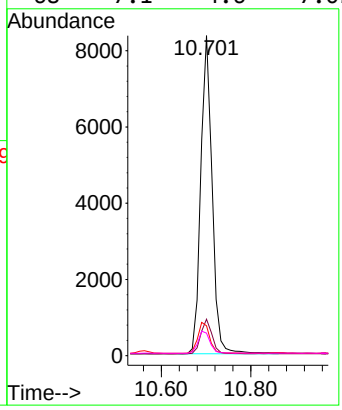


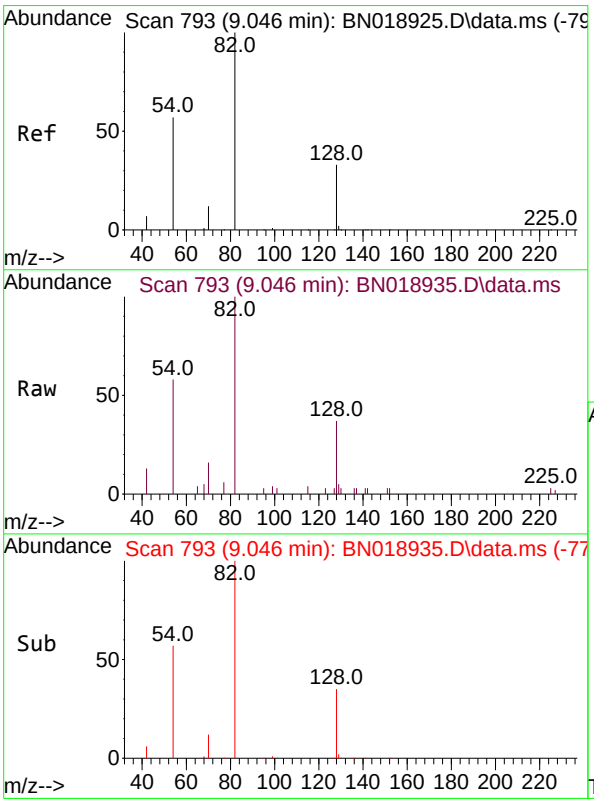
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.701 min Scan# 94
Delta R.T. 0.000 min
Lab File: BN018935.D
Acq: 14 Mar 2022 14:32

Instrument :
BNA_N
ClientSampleId :
PB143270BS

Tgt Ion:136 Resp: 14721

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.0	13.4
54	9.3	5.8	8.6#
68	7.1	4.6	7.0#

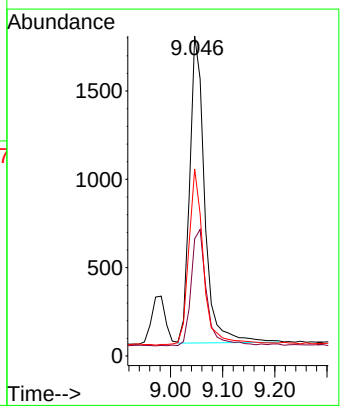


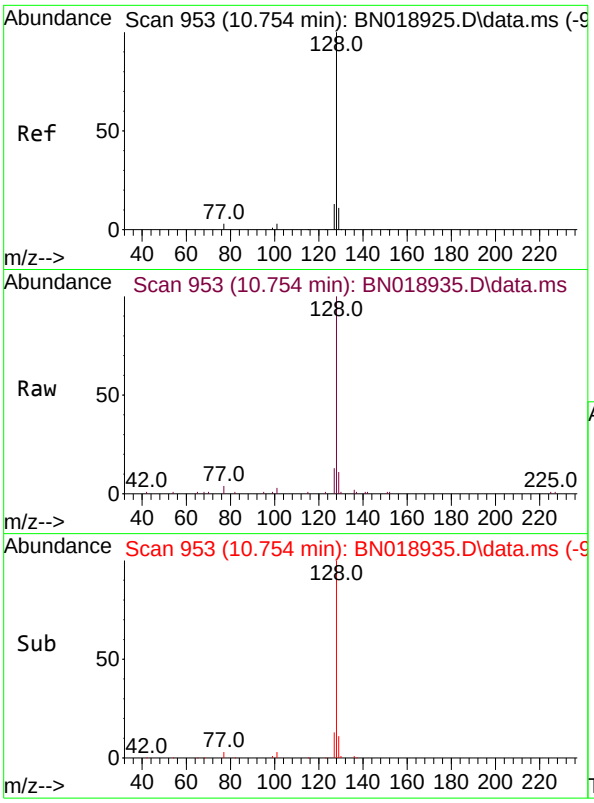


#8
Nitrobenzene-d5
Concen: 0.285 ng
RT: 9.046 min Scan# 793
Delta R.T. 0.000 min
Lab File: BN018935.D
Acq: 14 Mar 2022 14:32

Tgt Ion: 82 Resp: 3484

Ion	Ratio	Lower	Upper
82	100		
128	36.6	33.0	49.6
54	58.4	42.5	63.7



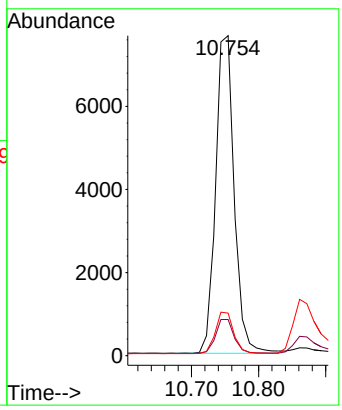


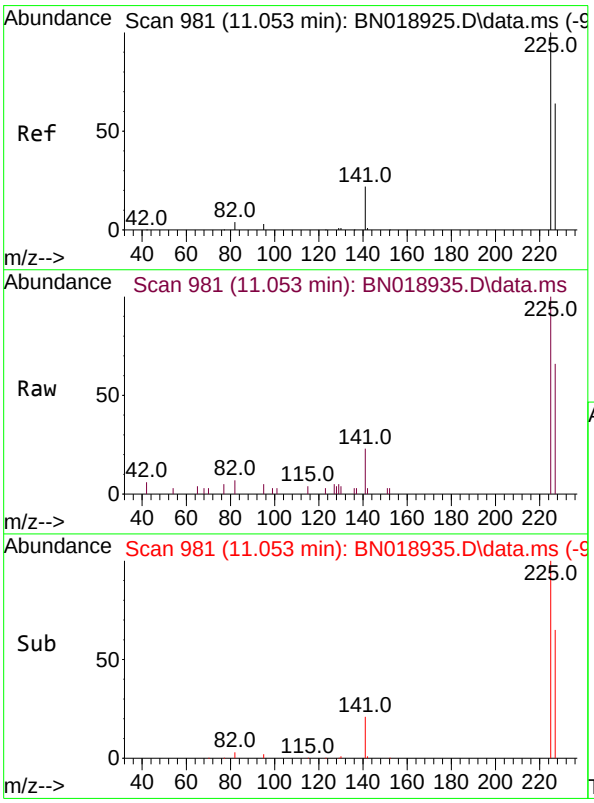
#9
Naphthalene
Concen: 0.347 ng
RT: 10.754 min Scan# 9
Delta R.T. 0.000 min
Lab File: BN018935.D
Acq: 14 Mar 2022 14:32

Instrument :
BNA_N
ClientSampleId :
PB143270BS

Tgt Ion:128 Resp: 14744

Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.0	13.4
127	13.3	10.7	16.1

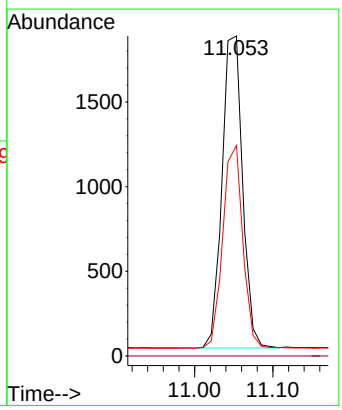


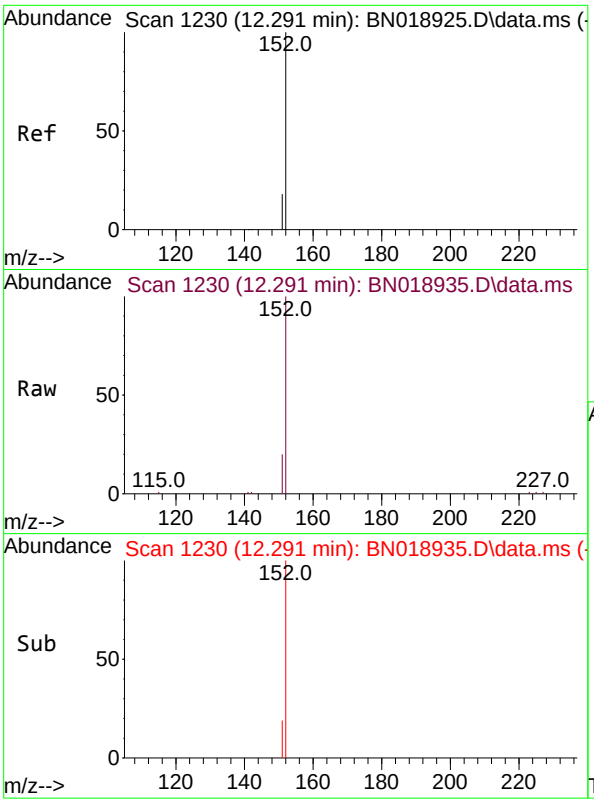


#10
Hexachlorobutadiene
Concen: 0.346 ng
RT: 11.053 min Scan# 981
Delta R.T. 0.000 min
Lab File: BN018935.D
Acq: 14 Mar 2022 14:32

Tgt Ion:225 Resp: 3355

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.4	51.0	76.6



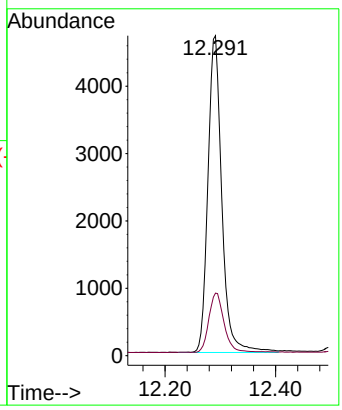


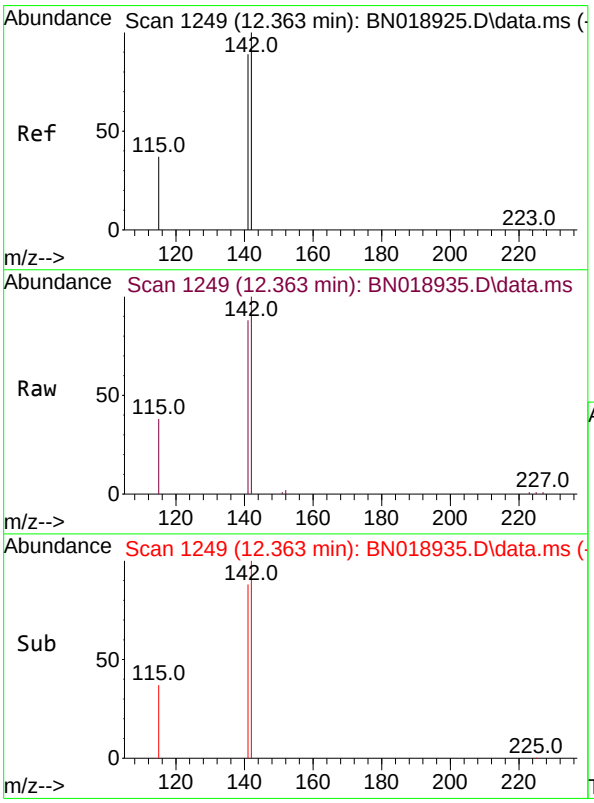
#11
2-Methylnaphthalene-d10
Concen: 0.339 ng
RT: 12.291 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN018935.D
Acq: 14 Mar 2022 14:32

Instrument :
BNA_N
ClientSampleId :
PB143270BS

Tgt Ion:152 Resp: 8220

Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.5	24.7

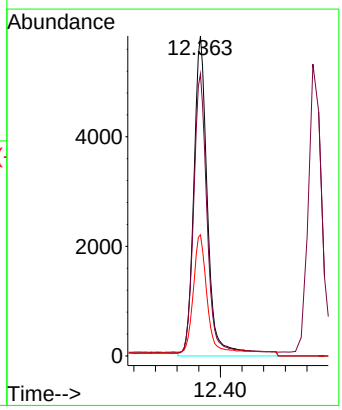


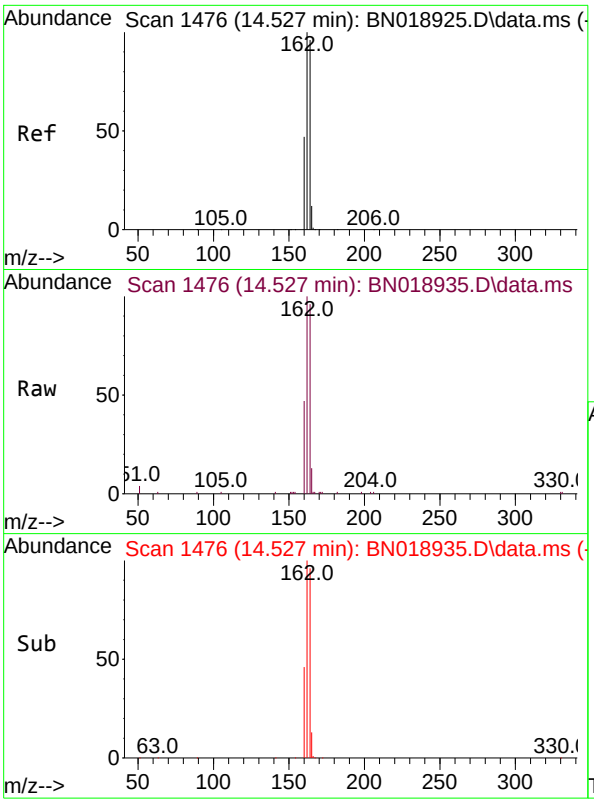


#12
2-Methylnaphthalene
Concen: 0.362 ng
RT: 12.363 min Scan# 1249
Delta R.T. 0.000 min
Lab File: BN018935.D
Acq: 14 Mar 2022 14:32

Tgt Ion:142 Resp: 10392

Ion	Ratio	Lower	Upper
142	100		
141	88.2	70.0	105.0
115	37.9	29.8	44.8



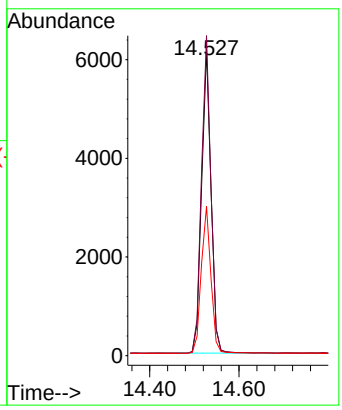


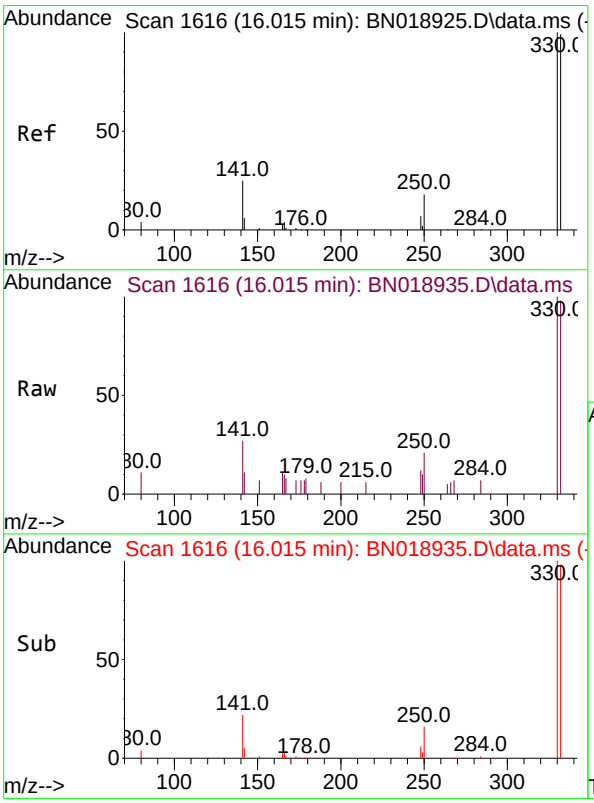
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.527 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN018935.D
Acq: 14 Mar 2022 14:32

Instrument :
BNA_N
ClientSampleId :
PB143270BS

Tgt Ion:164 Resp: 9017

Ion	Ratio	Lower	Upper
164	100		
162	104.7	85.2	127.8
160	48.9	41.5	62.3

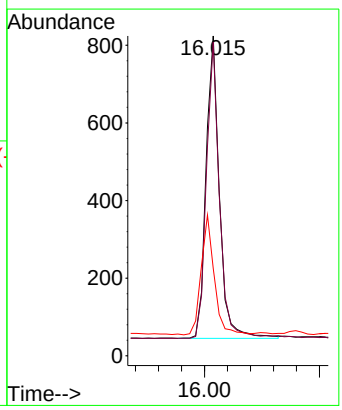


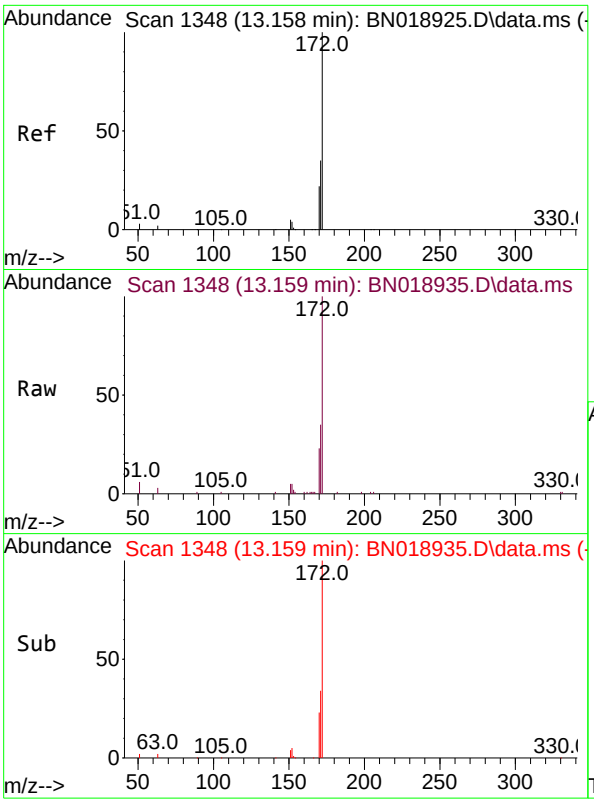


#14
2,4,6-Tribromophenol
Concen: 0.269 ng
RT: 16.015 min Scan# 1616
Delta R.T. 0.000 min
Lab File: BN018935.D
Acq: 14 Mar 2022 14:32

Tgt Ion:330 Resp: 1265

Ion	Ratio	Lower	Upper
330	100		
332	95.4	76.8	115.2
141	38.7	32.2	48.2



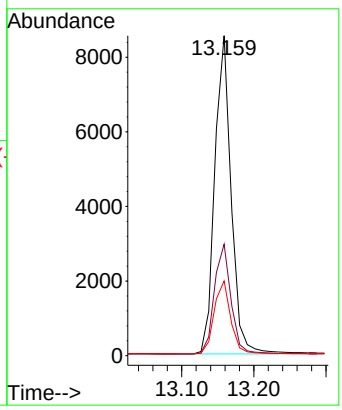


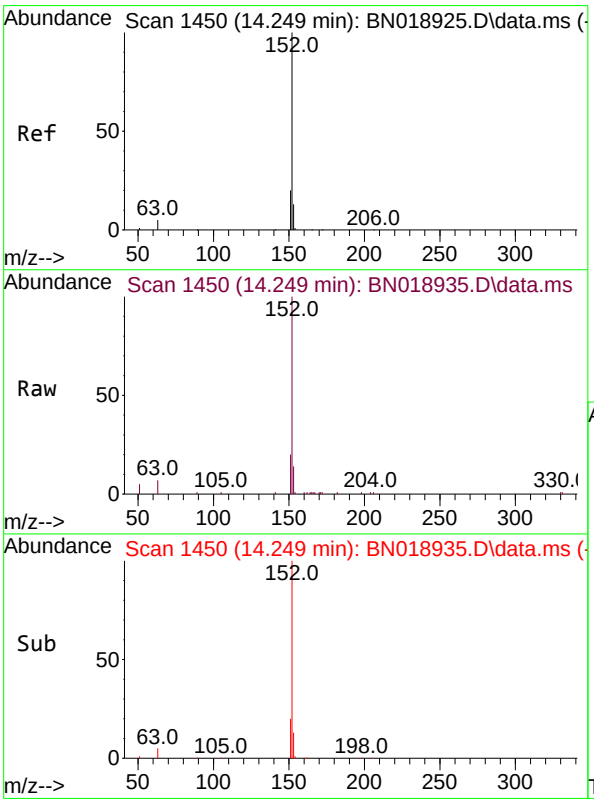
#15
2-Fluorobiphenyl
Concen: 0.342 ng
RT: 13.159 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN018935.D
Acq: 14 Mar 2022 14:32

Instrument :
BNA_N
ClientSampleId :
PB143270BS

Tgt Ion:172 Resp: 13431

Ion	Ratio	Lower	Upper
172	100		
171	34.8	28.2	42.2
170	23.3	18.7	28.1

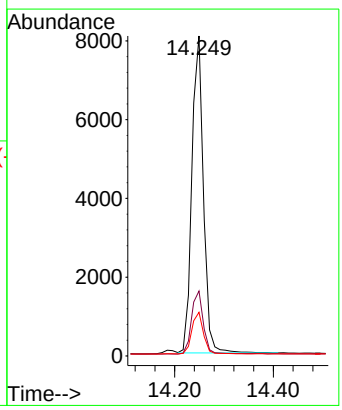


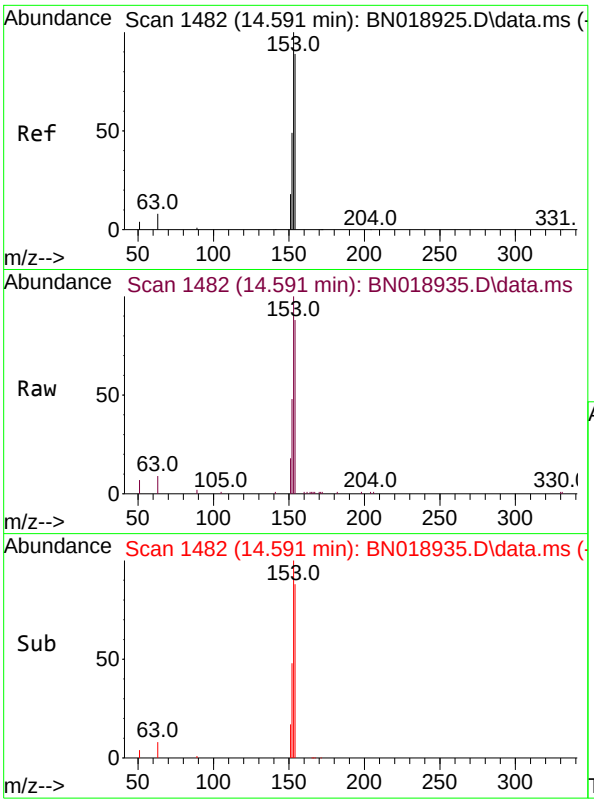


#16
Acenaphthylene
Concen: 0.302 ng
RT: 14.249 min Scan# 1450
Delta R.T. 0.000 min
Lab File: BN018935.D
Acq: 14 Mar 2022 14:32

Tgt Ion:152 Resp: 13062

Ion	Ratio	Lower	Upper
152	100		
151	20.5	15.9	23.9
153	13.4	10.6	15.8



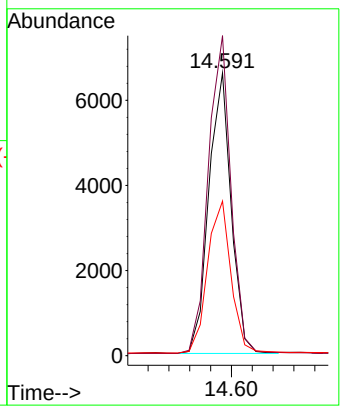


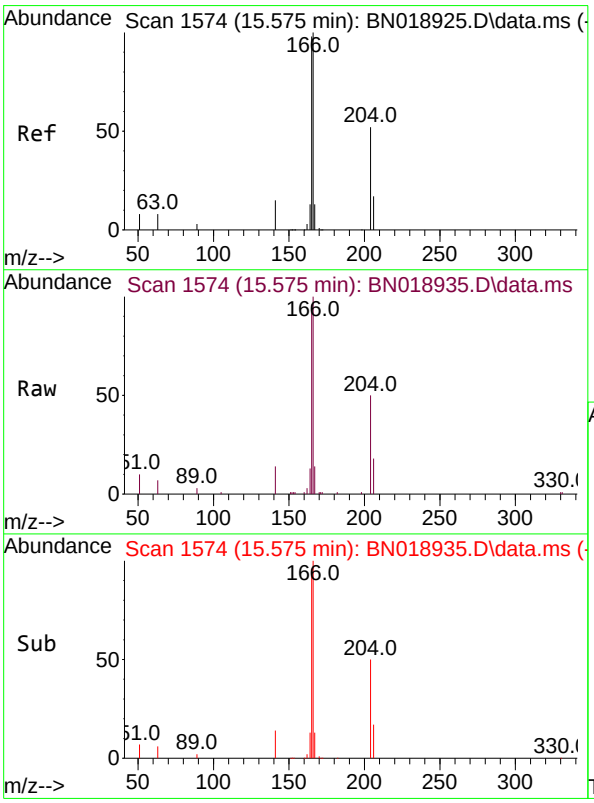
#17
Acenaphthene
Concen: 0.328 ng
RT: 14.591 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN018935.D
Acq: 14 Mar 2022 14:32

Instrument :
BNA_N
ClientSampleId :
PB143270BS

Tgt Ion:154 Resp: 9847

Ion	Ratio	Lower	Upper
154	100		
153	115.3	89.7	134.5
152	57.1	44.7	67.1

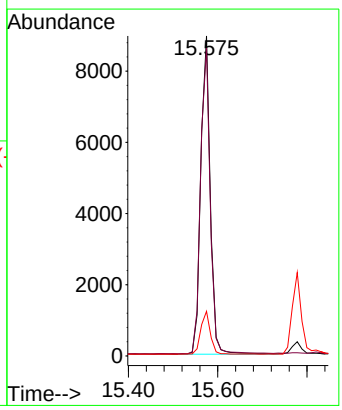


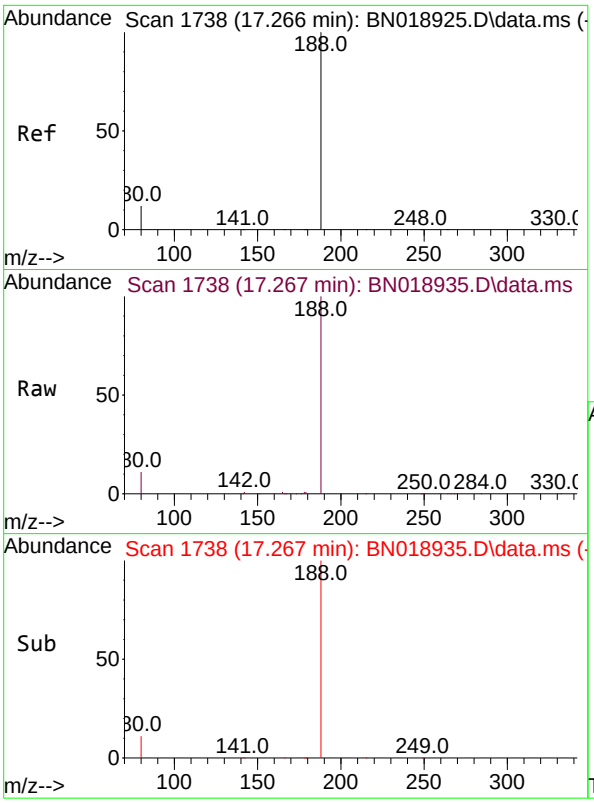


#18
Fluorene
Concen: 0.344 ng
RT: 15.575 min Scan# 1574
Delta R.T. 0.000 min
Lab File: BN018935.D
Acq: 14 Mar 2022 14:32

Tgt Ion:166 Resp: 13187

Ion	Ratio	Lower	Upper
166	100		
165	97.8	79.2	118.8
167	13.5	10.7	16.1





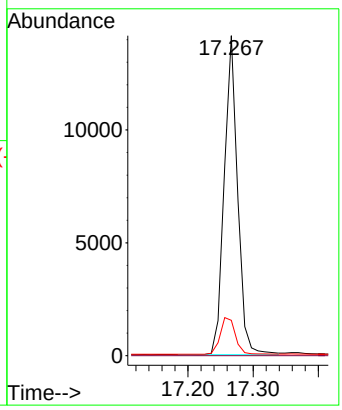
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.267 min Scan# 1

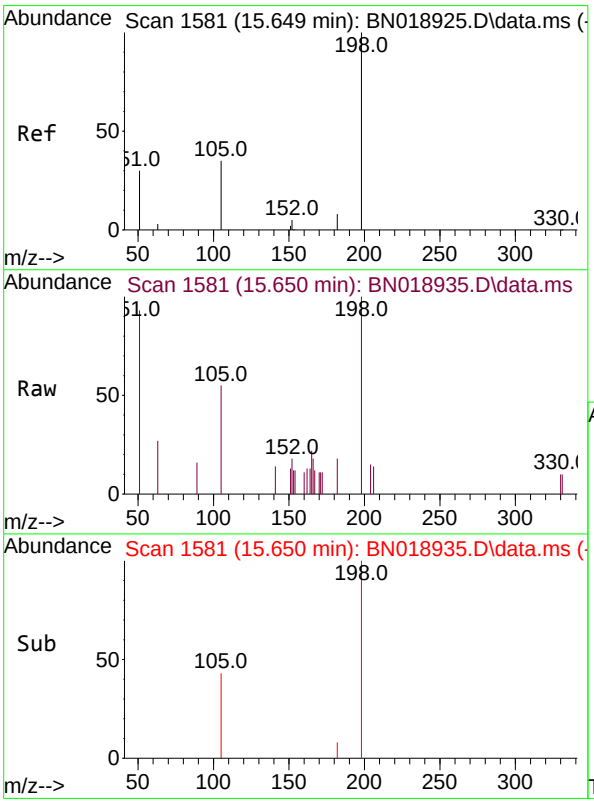
Instrument :
BNA_N
ClientSampleId :
PB143270BS

Delta R.T. 0.001 min
Lab File: BN018935.D
Acq: 14 Mar 2022 14:32

Tgt Ion:188 Resp: 20233

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	11.0	11.8	17.8#

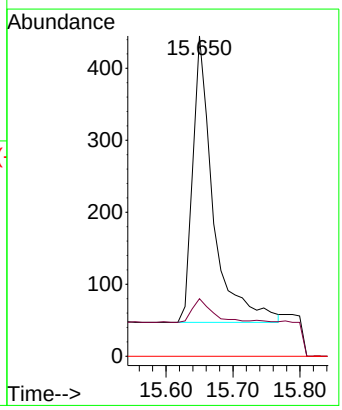


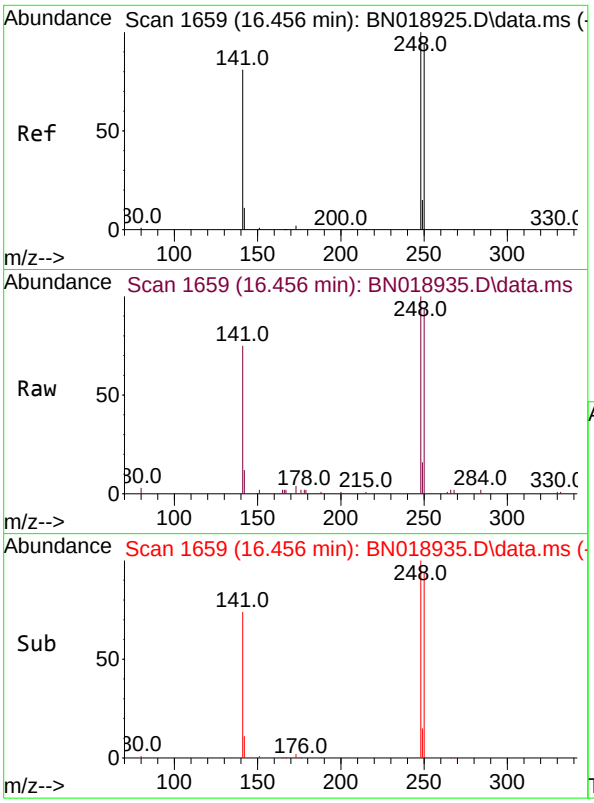


#20
4,6-Dinitro-2-methylphenol
Concen: 0.244 ng
RT: 15.650 min Scan# 1581
Delta R.T. 0.001 min
Lab File: BN018935.D
Acq: 14 Mar 2022 14:32

Tgt Ion:198 Resp: 846

Ion	Ratio	Lower	Upper
198	100		
182	18.0	13.0	19.4
77	0.0	0.0	0.0



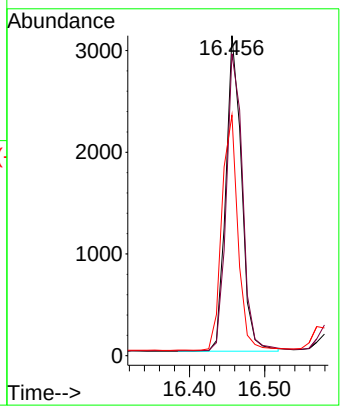


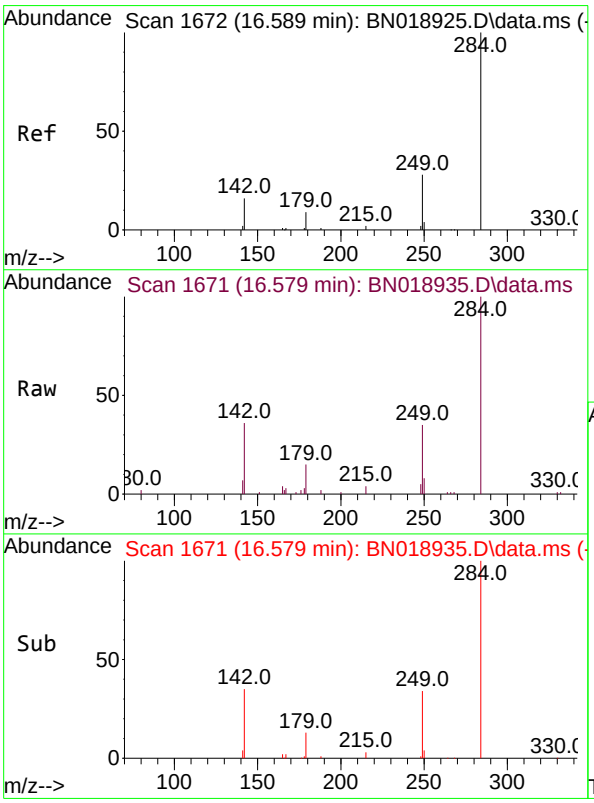
#21
4-Bromophenyl-phenylether
Concen: 0.327 ng
RT: 16.456 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN018935.D
Acq: 14 Mar 2022 14:32

Instrument :
BNA_N
ClientSampleId :
PB143270BS

Tgt Ion:248 Resp: 4503

Ion	Ratio	Lower	Upper
248	100		
250	94.4	80.7	121.1
141	75.2	39.6	59.4#

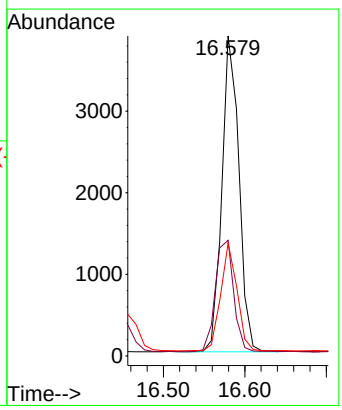


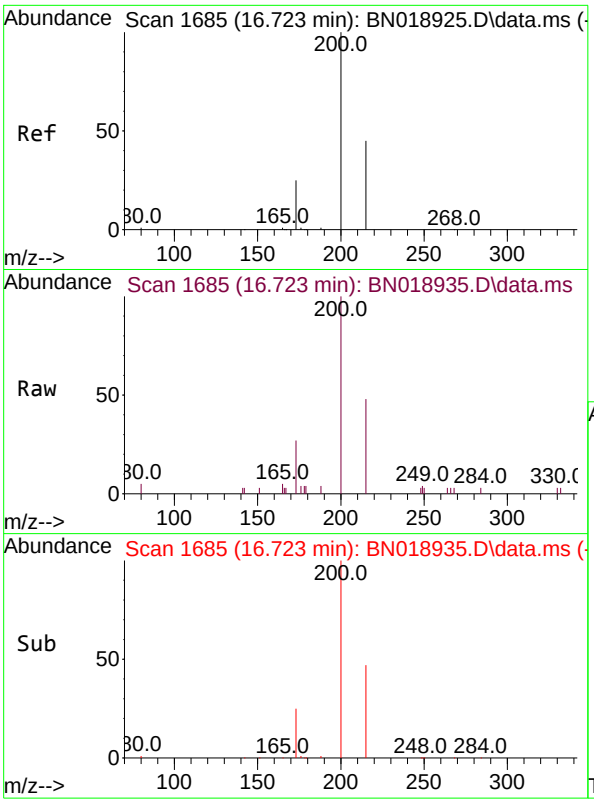


#22
Hexachlorobenzene
Concen: 0.345 ng
RT: 16.579 min Scan# 1671
Delta R.T. -0.010 min
Lab File: BN018935.D
Acq: 14 Mar 2022 14:32

Tgt Ion:284 Resp: 5611

Ion	Ratio	Lower	Upper
284	100		
142	38.2	29.8	44.8
249	32.7	26.2	39.2



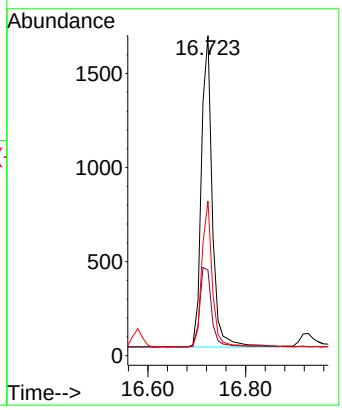


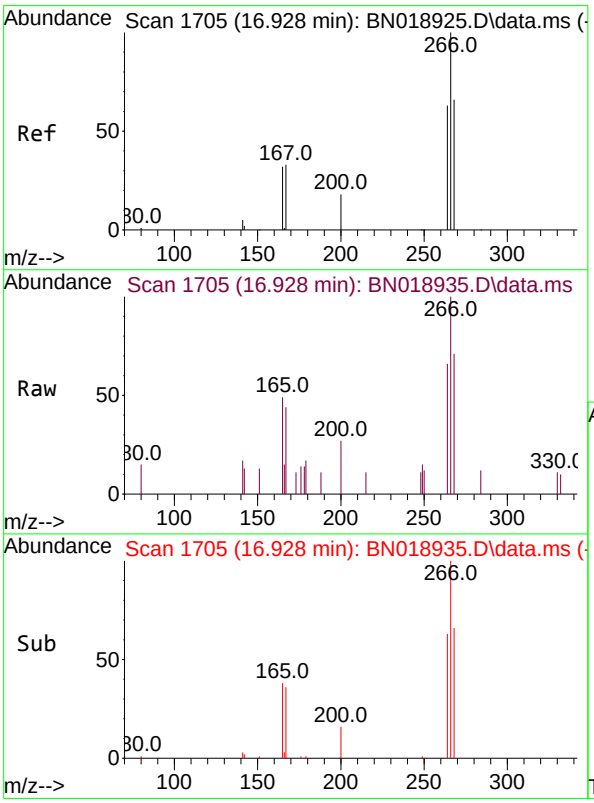
#23
Atrazine
Concen: 0.278 ng
RT: 16.723 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN018935.D
Acq: 14 Mar 2022 14:32

Instrument :
BNA_N
ClientSampleId :
PB143270BS

Tgt Ion:200 Resp: 2560

Ion	Ratio	Lower	Upper
200	100		
173	26.7	23.9	35.9
215	48.3	36.6	54.8

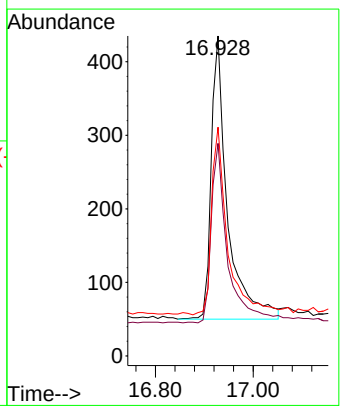


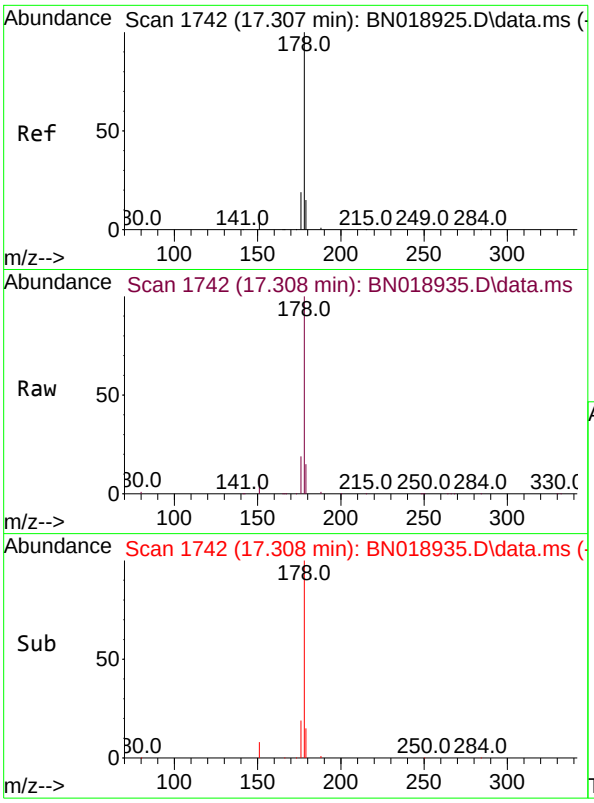


#24
Pentachlorophenol
Concen: 0.185 ng
RT: 16.928 min Scan# 1705
Delta R.T. 0.000 min
Lab File: BN018935.D
Acq: 14 Mar 2022 14:32

Tgt Ion:266 Resp: 893

Ion	Ratio	Lower	Upper
266	100		
264	64.9	50.2	75.4
268	66.9	51.9	77.9



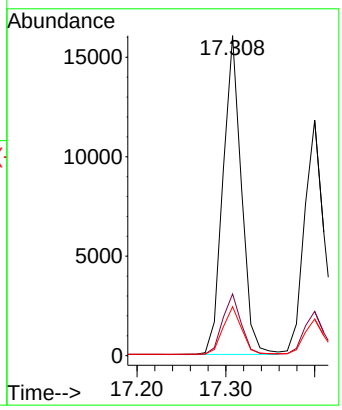


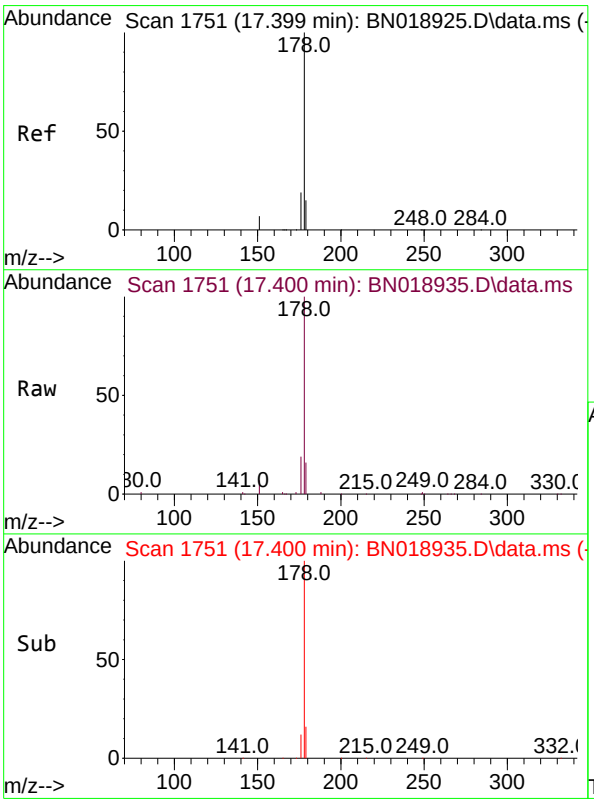
#25
Phenanthrene
Concen: 0.339 ng
RT: 17.308 min Scan# 1
Delta R.T. 0.001 min
Lab File: BN018935.D
Acq: 14 Mar 2022 14:32

Instrument :
BNA_N
ClientSampleId :
PB143270BS

Tgt Ion:178 Resp: 23098

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.4	23.0
179	15.2	12.2	18.2

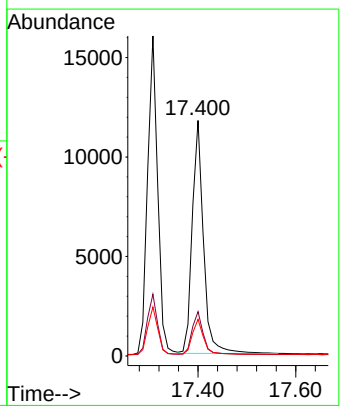


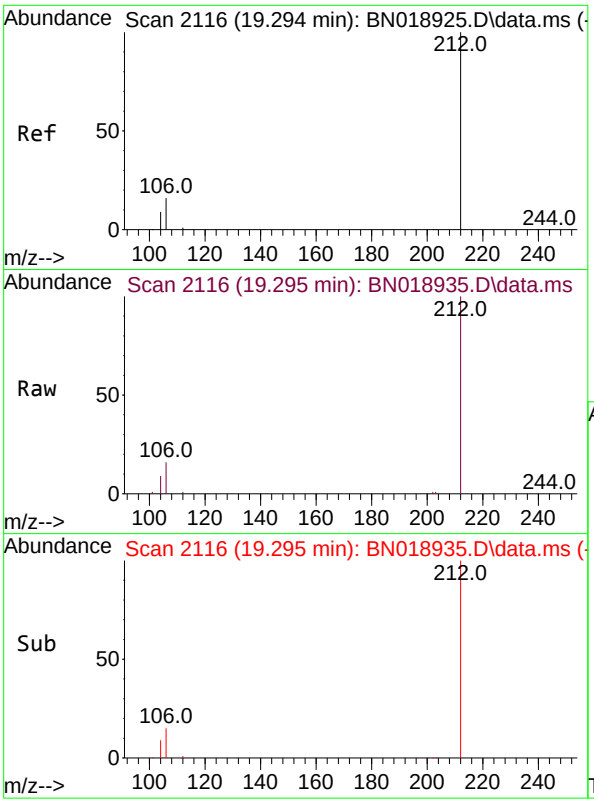


#26
Anthracene
Concen: 0.317 ng
RT: 17.400 min Scan# 1751
Delta R.T. 0.000 min
Lab File: BN018935.D
Acq: 14 Mar 2022 14:32

Tgt Ion:178 Resp: 18719

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



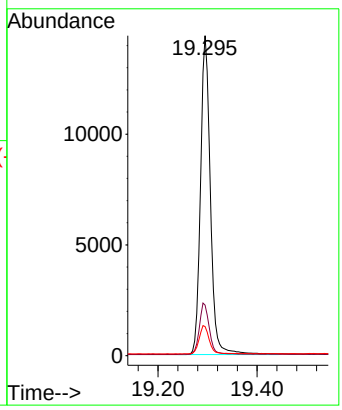


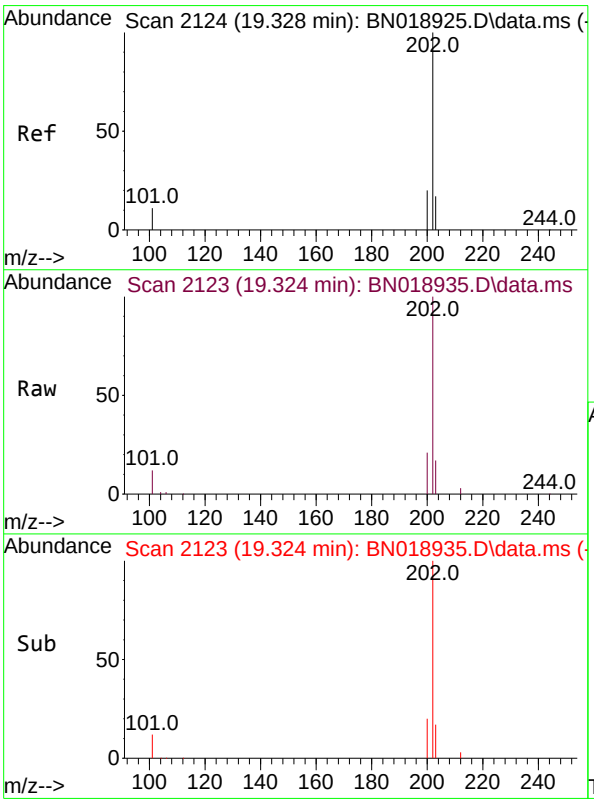
#27
Fluoranthene-d10
Concen: 0.349 ng
RT: 19.295 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN018935.D
Acq: 14 Mar 2022 14:32

Instrument :
BNA_N
ClientSampleId :
PB143270BS

Tgt Ion:212 Resp: 19998

Ion	Ratio	Lower	Upper
212	100		
106	15.9	12.7	19.1
104	9.2	7.1	10.7

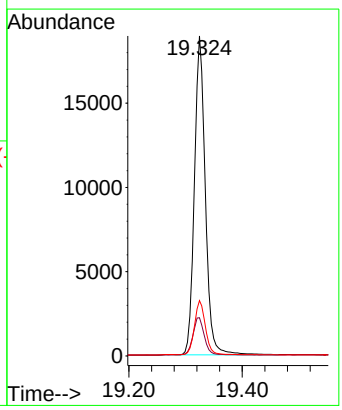


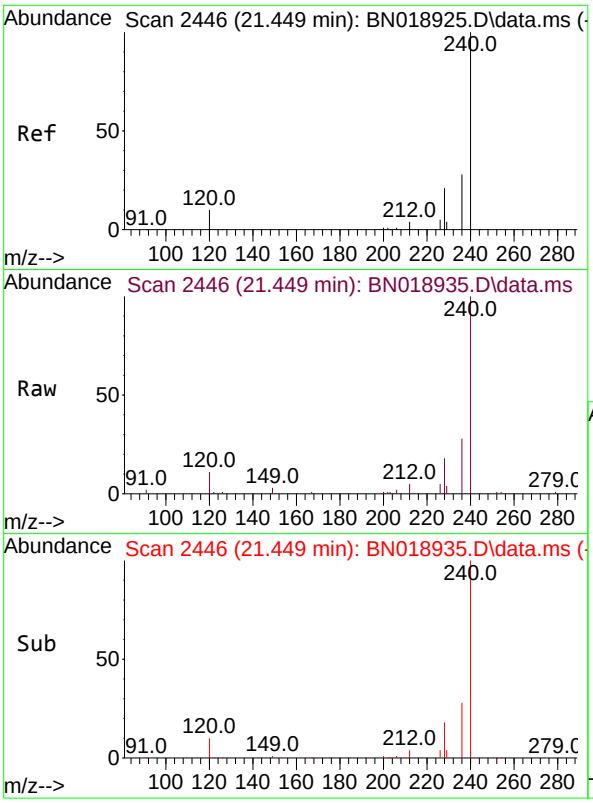


#28
Fluoranthene
Concen: 0.353 ng
RT: 19.324 min Scan# 2123
Delta R.T. -0.004 min
Lab File: BN018935.D
Acq: 14 Mar 2022 14:32

Tgt Ion:202 Resp: 25514

Ion	Ratio	Lower	Upper
202	100		
101	12.1	9.8	14.6
203	16.9	13.7	20.5



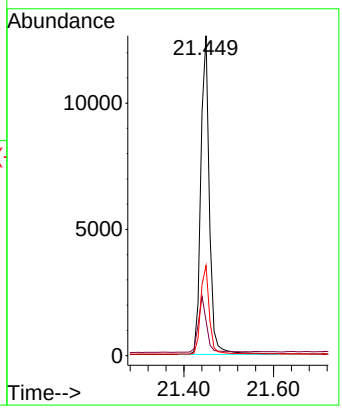


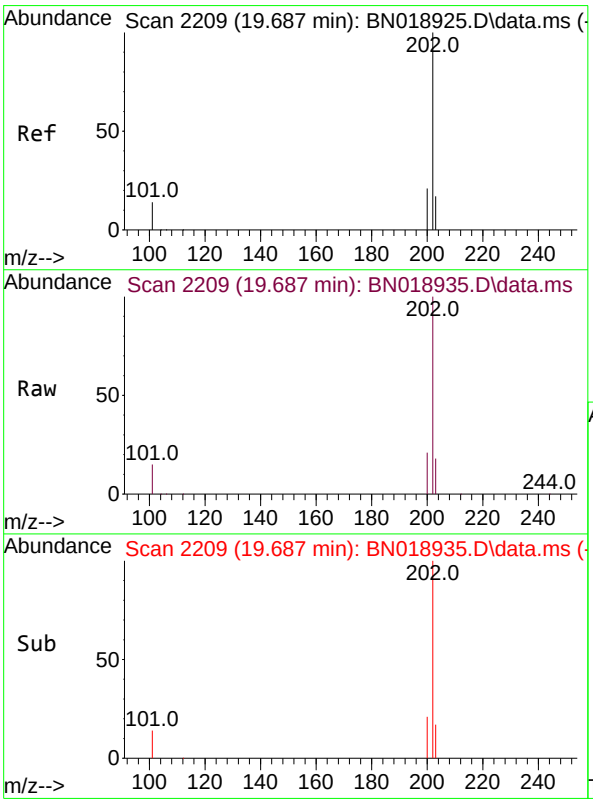
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.449 min Scan# 24
Delta R.T. 0.000 min
Lab File: BN018935.D
Acq: 14 Mar 2022 14:32

Instrument :
BNA_N
ClientSampleId :
PB143270BS

Tgt Ion:240 Resp: 16890

Ion	Ratio	Lower	Upper
240	100		
120	11.0	8.5	12.7
236	28.2	22.4	33.6

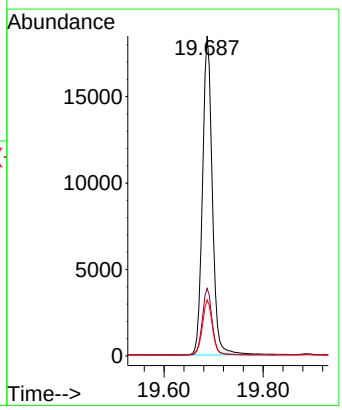


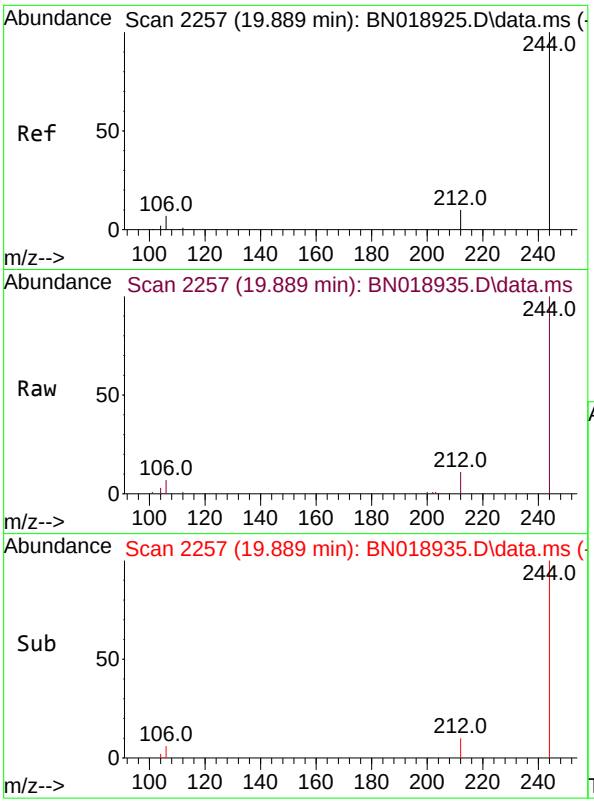


#30
Pyrene
Concen: 0.315 ng
RT: 19.687 min Scan# 2209
Delta R.T. 0.000 min
Lab File: BN018935.D
Acq: 14 Mar 2022 14:32

Tgt Ion:202 Resp: 25561

Ion	Ratio	Lower	Upper
202	100		
200	20.9	16.9	25.3
203	17.7	14.2	21.2



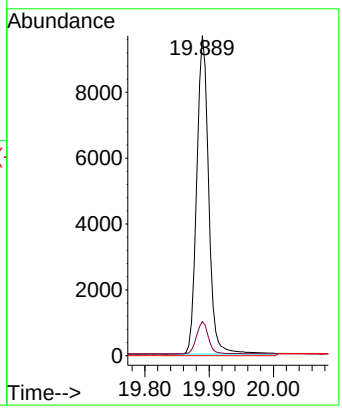


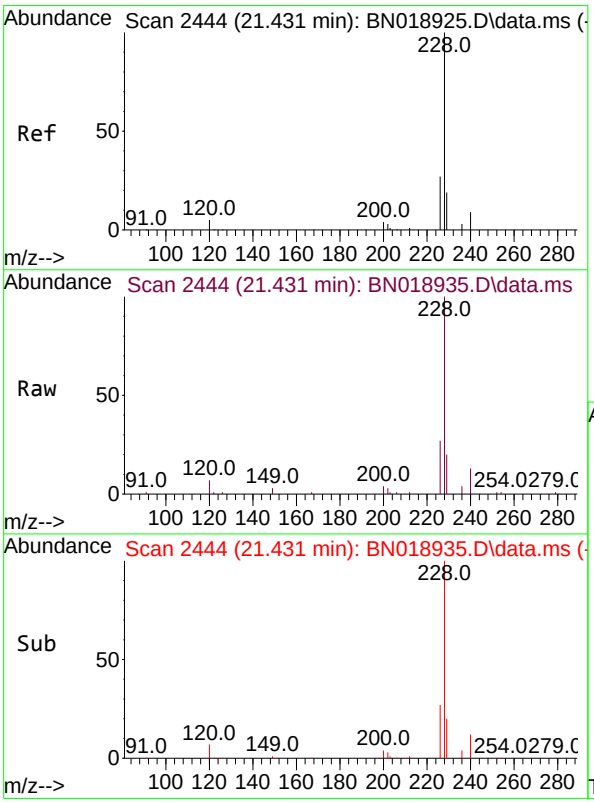
#31
Terphenyl-d14
Concen: 0.333 ng
RT: 19.889 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN018935.D
Acq: 14 Mar 2022 14:32

Instrument :
BNA_N
ClientSampleId :
PB143270BS

Tgt Ion:244 Resp: 12514

Ion	Ratio	Lower	Upper
244	100		
212	10.7	8.2	12.4
122	0.0	0.0	0.0

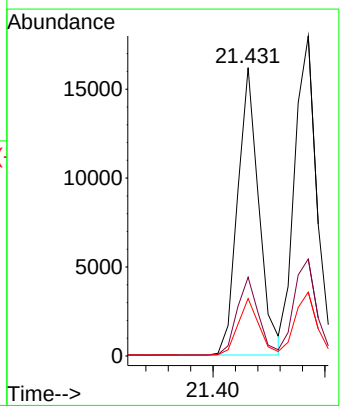


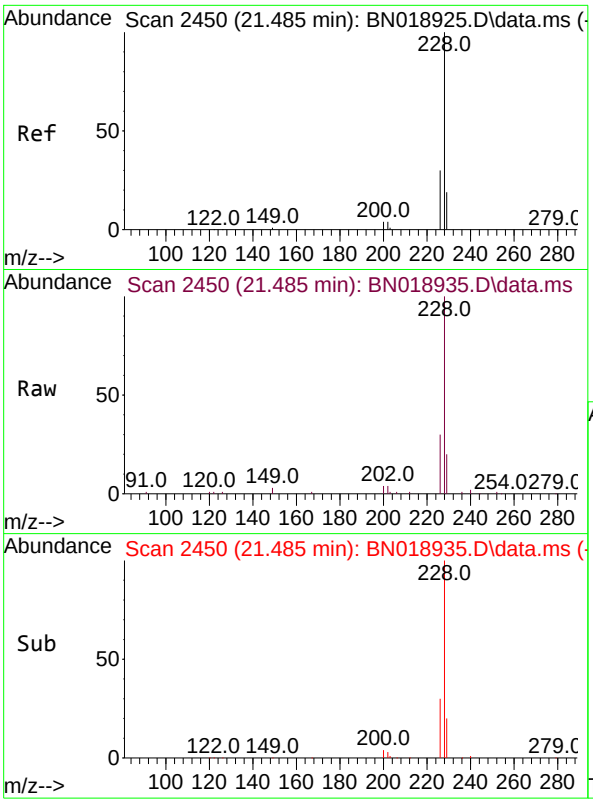


#32
Benzo(a)anthracene
Concen: 0.318 ng
RT: 21.431 min Scan# 2444
Delta R.T. 0.000 min
Lab File: BN018935.D
Acq: 14 Mar 2022 14:32

Tgt Ion:228 Resp: 21283

Ion	Ratio	Lower	Upper
228	100		
226	27.3	21.9	32.9
229	19.9	16.0	24.0



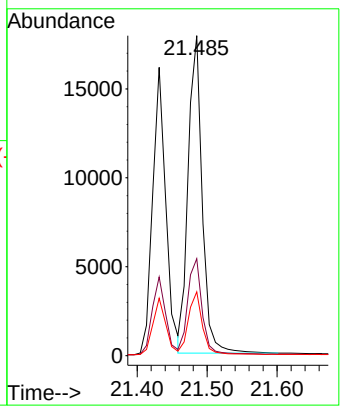


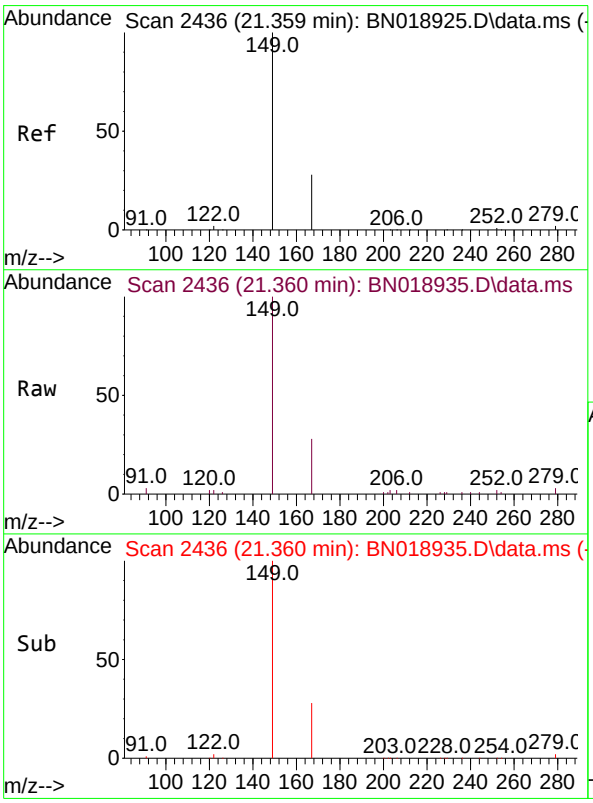
#33
Chrysene
Concen: 0.352 ng
RT: 21.485 min Scan# 24
Delta R.T. 0.000 min
Lab File: BN018935.D
Acq: 14 Mar 2022 14:32

Instrument :
BNA_N
ClientSampleId :
PB143270BS

Tgt Ion:228 Resp: 24842

Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.0	36.0
229	20.0	15.9	23.9

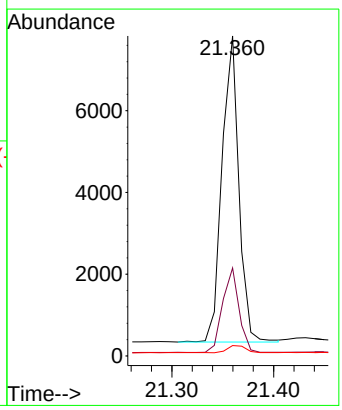


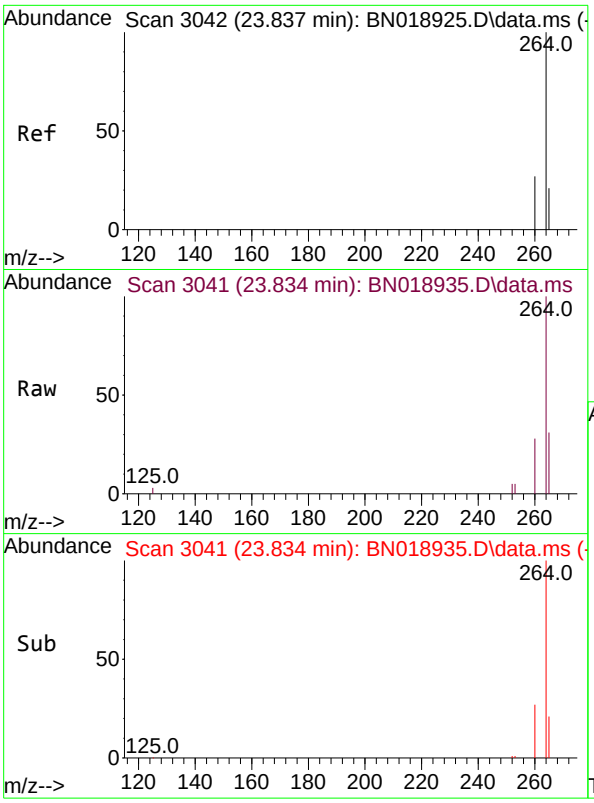


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.285 ng
RT: 21.360 min Scan# 2436
Delta R.T. 0.000 min
Lab File: BN018935.D
Acq: 14 Mar 2022 14:32

Tgt Ion:149 Resp: 8611

Ion	Ratio	Lower	Upper
149	100		
167	26.9	21.8	32.8
279	2.5	2.0	3.0



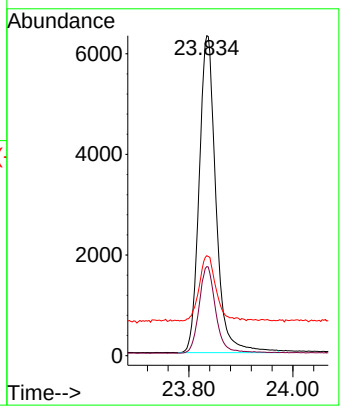


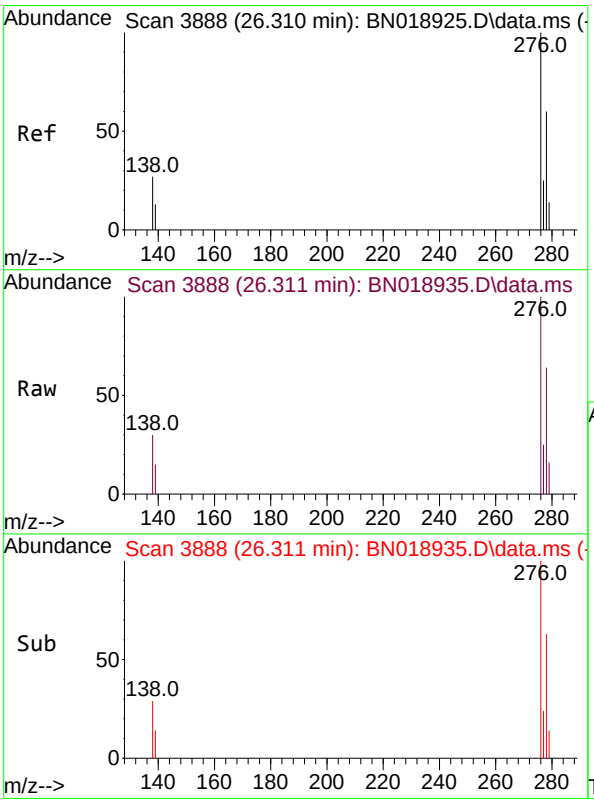
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.834 min Scan# 3
Delta R.T. -0.003 min
Lab File: BN018935.D
Acq: 14 Mar 2022 14:32

Instrument :
BNA_N
ClientSampleId :
PB143270BS

Tgt Ion:264 Resp: 14101

Ion	Ratio	Lower	Upper
264	100		
260	27.9	22.4	33.6
265	31.2	25.3	37.9

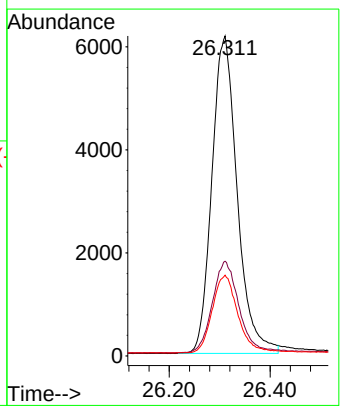


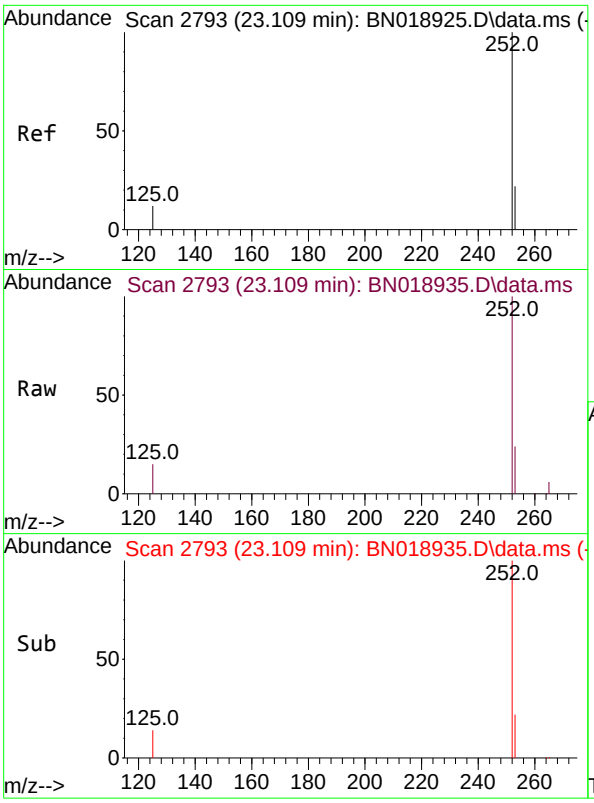


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.329 ng
RT: 26.311 min Scan# 3888
Delta R.T. 0.000 min
Lab File: BN018935.D
Acq: 14 Mar 2022 14:32

Tgt Ion:276 Resp: 21496

Ion	Ratio	Lower	Upper
276	100		
138	30.0	24.5	36.7
277	24.6	19.8	29.8



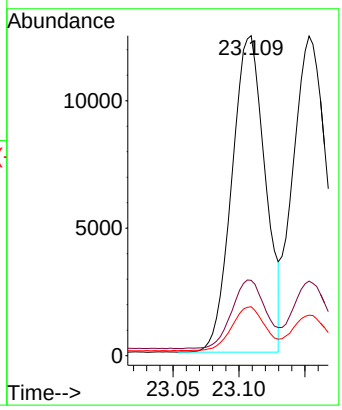


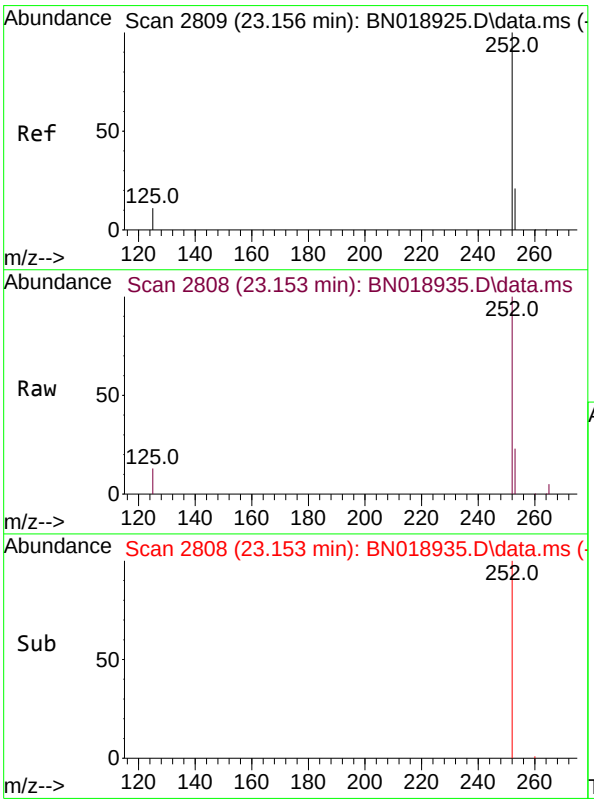
#37
Benzo(b)fluoranthene
Concen: 0.343 ng
RT: 23.109 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN018935.D
Acq: 14 Mar 2022 14:32

Instrument :
BNA_N
ClientSampleId :
PB143270BS

Tgt Ion:252 Resp: 21772

Ion	Ratio	Lower	Upper
252	100		
253	23.6	18.9	28.3
125	15.3	12.1	18.1

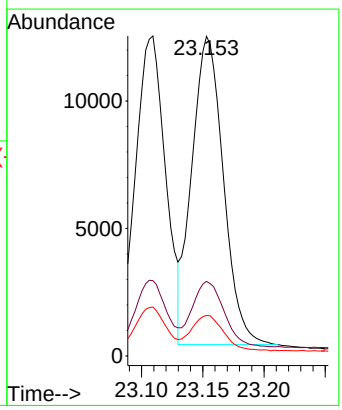


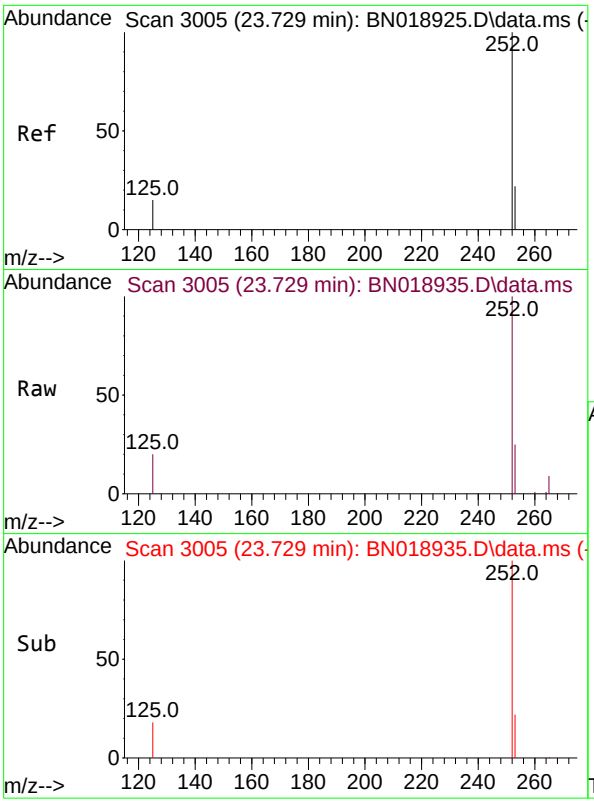


#38
Benzo(k)fluoranthene
Concen: 0.345 ng
RT: 23.153 min Scan# 2808
Delta R.T. -0.003 min
Lab File: BN018935.D
Acq: 14 Mar 2022 14:32

Tgt Ion:252 Resp: 21692

Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.9	28.3
125	12.6	10.3	15.5



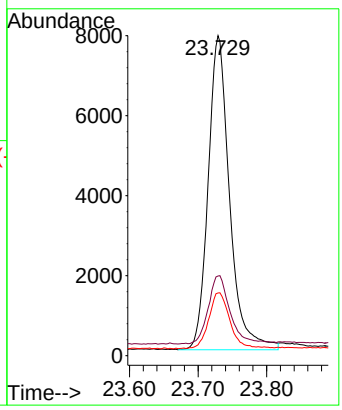


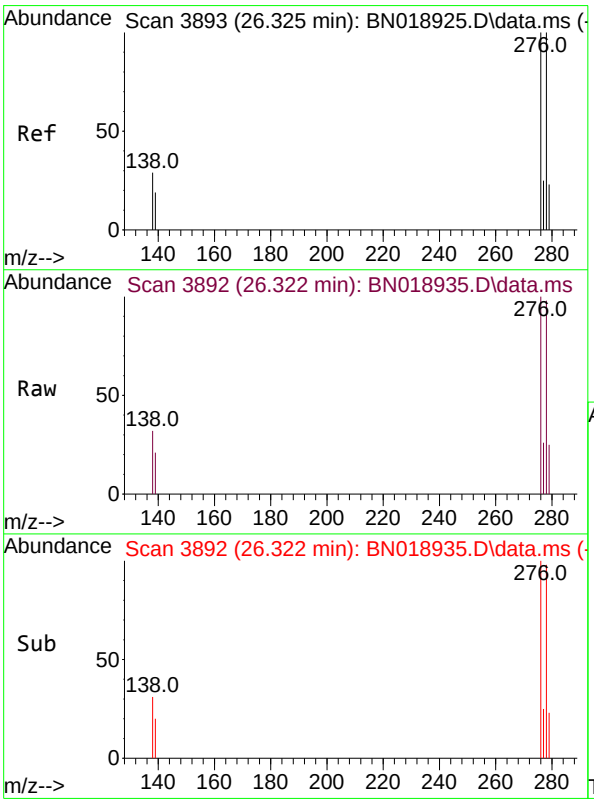
#39
Benzo(a)pyrene
Concen: 0.334 ng
RT: 23.729 min Scan# 3
Delta R.T. 0.000 min
Lab File: BN018935.D
Acq: 14 Mar 2022 14:32

Instrument :
BNA_N
ClientSampleId :
PB143270BS

Tgt Ion:252 Resp: 17046

Ion	Ratio	Lower	Upper
252	100		
253	24.9	20.1	30.1
125	19.6	15.2	22.8

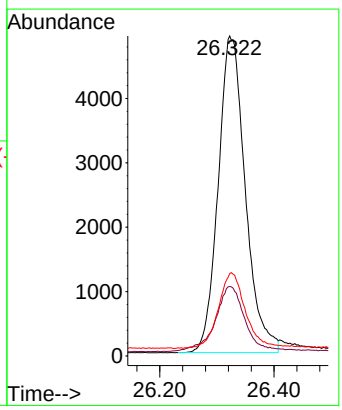


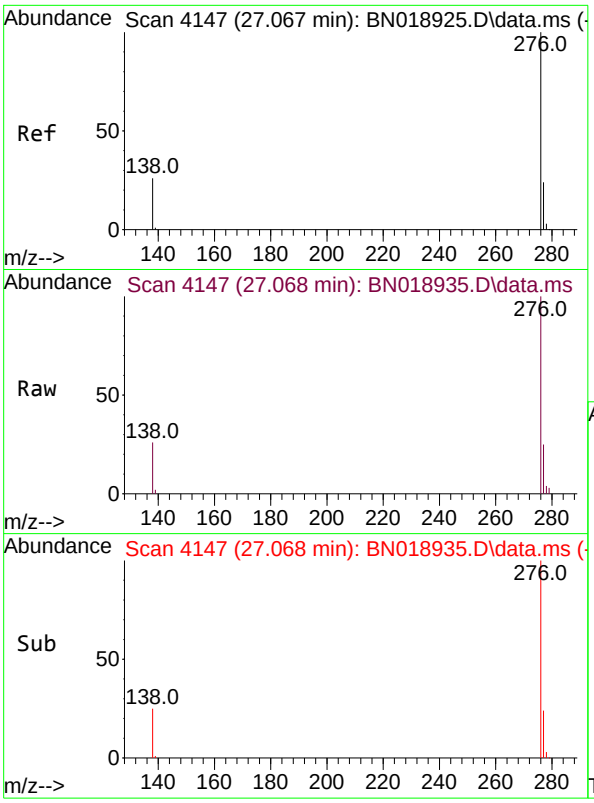


#40
Dibenzo(a,h)anthracene
Concen: 0.323 ng
RT: 26.322 min Scan# 3892
Delta R.T. -0.003 min
Lab File: BN018935.D
Acq: 14 Mar 2022 14:32

Tgt Ion:278 Resp: 16220

Ion	Ratio	Lower	Upper
278	100		
139	21.7	17.2	25.8
279	25.7	19.9	29.9





#41
Benzo(g,h,i)perylene
Concen: 0.316 ng
RT: 27.068 min Scan# 4
Delta R.T. 0.000 min
Lab File: BN018935.D
Acq: 14 Mar 2022 14:32

Instrument :
BNA_N
ClientSampleId :
PB143270BS

Tgt Ion:276 Resp: 17888

Ion	Ratio	Lower	Upper
276	100		
277	24.5	19.4	29.0
138	26.3	21.0	31.6