Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN022222\
Data File : BN018682.D
Acq On : 22 Feb 2022 18:03
Operator : CG/JU
Sample : PB142777BS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB142777BS

Quant Time: Feb 23 02:17:15 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN022222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 22 16:23:51 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.919	152	5059	0.400	ng		0.00
7) Naphthalene-d8	10.722	136	12872	0.400	ng	#	0.00
13) Acenaphthene-d10	14.549	164	7035	0.400	ng		0.00
19) Phenanthrene-d10	17.287	188	14719	0.400	ng		0.00
29) Chrysene-d12	21.467	240	12298	0.400	ng	#	0.00
35) Perylene-d12	23.861	264	10681	0.400	ng	#	0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.471	112	3776	0.326	ng		0.00
5) Phenol-d6	7.067	99	4325	0.325	ng		0.00
8) Nitrobenzene-d5	9.067	82	2995	0.301	ng		0.00
11) 2-Methylnaphthalene-d10	12.310	152	6630	0.342	ng		0.00
14) 2,4,6-Tribromophenol	16.036	330	856	0.312	ng		0.01
15) 2-Fluorobiphenyl	13.180	172	10666	0.320	ng		0.00
27) Fluoranthene-d10	19.312	212	13715	0.343	ng		0.00
31) Terphenyl-d14	19.906	244	8747	0.328	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.319	88	1955	0.333	ng	#	60
3) n-Nitrosodimethylamine	3.651	42	1815	0.311	ng		87
6) bis(2-Chloroethyl)ether	7.334	93	4598	0.336	ng		98
9) Naphthalene	10.776	128	12420	0.334	ng		99
10) Hexachlorobutadiene	11.075	225	2951	0.330	ng	#	100
12) 2-Methylnaphthalene	12.386	142	8782	0.353	ng		98
16) Acenaphthylene	14.271	152	9954	0.298	ng		99
17) Acenaphthene	14.613	154	7409	0.322	ng		100
18) Fluorene	15.596	166	9389	0.339	ng		98
20) 4,6-Dinitro-2-methylph...	15.660	198	504	0.305	ng		92
21) 4-Bromophenyl-phenylether	16.477	248	3153	0.301	ng	#	93
22) Hexachlorobenzene	16.600	284	4108	0.314	ng	#	87
23) Atrazine	16.733	200	1657	0.287	ng	#	92
24) Pentachlorophenol	16.938	266	604	0.301	ng		100
25) Phenanthrene	17.328	178	16034	0.325	ng		100
26) Anthracene	17.420	178	12703	0.305	ng		100
28) Fluoranthene	19.345	202	17673	0.343	ng	#	97
30) Pyrene	19.704	202	17769	0.324	ng		100
32) Benzo(a)anthracene	21.449	228	14633	0.314	ng		99
33) Chrysene	21.503	228	17494	0.336	ng		99
34) Bis(2-ethylhexyl)phtha...	21.378	149	5974	0.315	ng	#	95
36) Indeno(1,2,3-cd)pyrene	26.349	276	16672	0.296	ng	#	89
37) Benzo(b)fluoranthene	23.130	252	16037	0.330	ng	#	92
38) Benzo(k)fluoranthene	23.176	252	15608	0.324	ng	#	93
39) Benzo(a)pyrene	23.755	252	12129	0.314	ng	#	85
40) Dibenzo(a,h)anthracene	26.369	278	12685	0.288	ng	#	91
41) Benzo(g,h,i)perylene	27.112	276	13820	0.286	ng	#	89

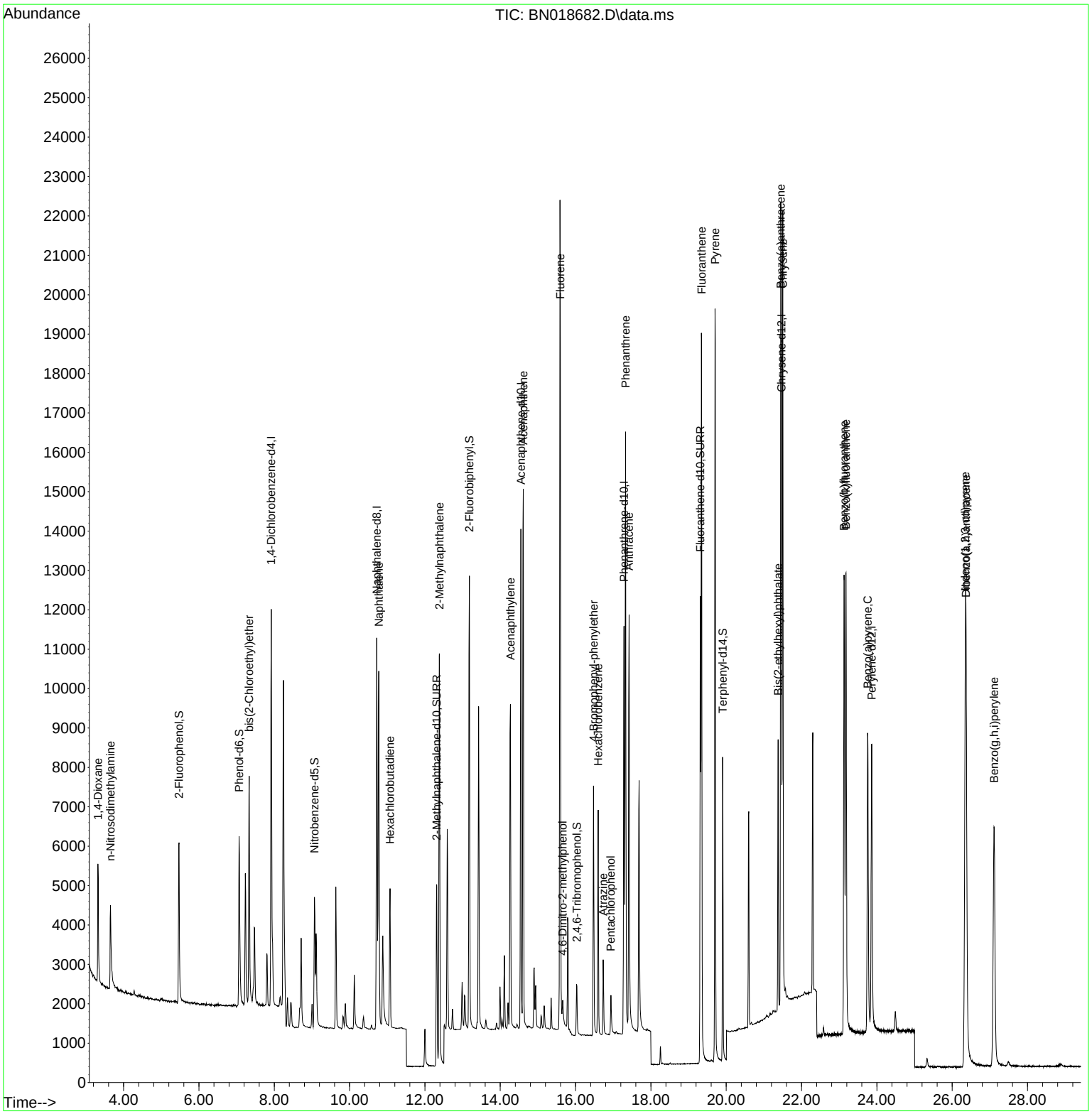
(#) = qualifier out of range (m) = manual integration (+) = signals summed

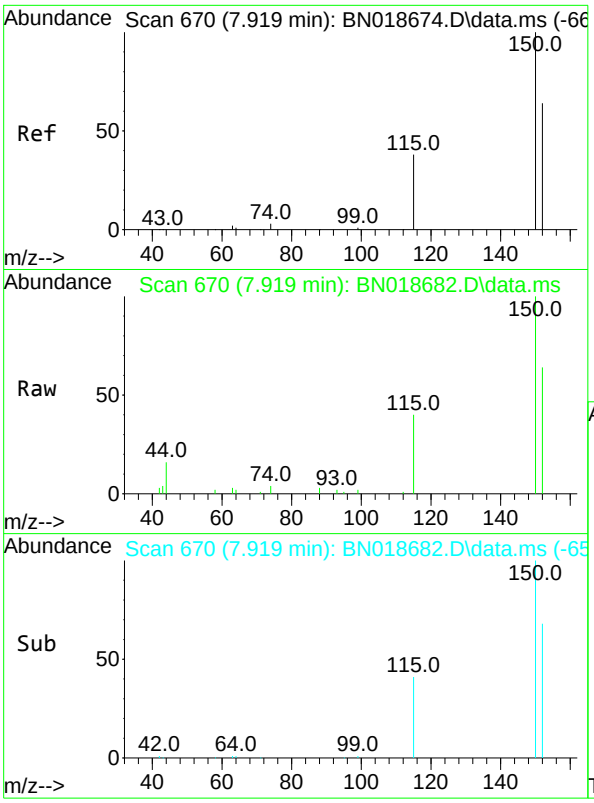
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN022222\
Data File : BN018682.D
Acq On : 22 Feb 2022 18:03
Operator : CG/JU
Sample : PB142777BS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB142777BS

Quant Time: Feb 23 02:17:15 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN022222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 22 16:23:51 2022
Response via : Initial Calibration



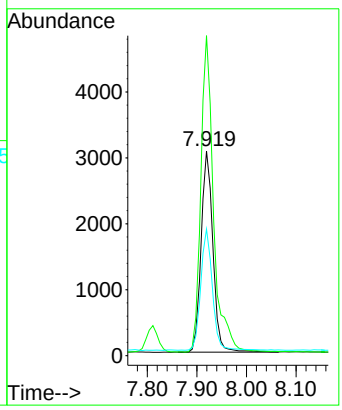


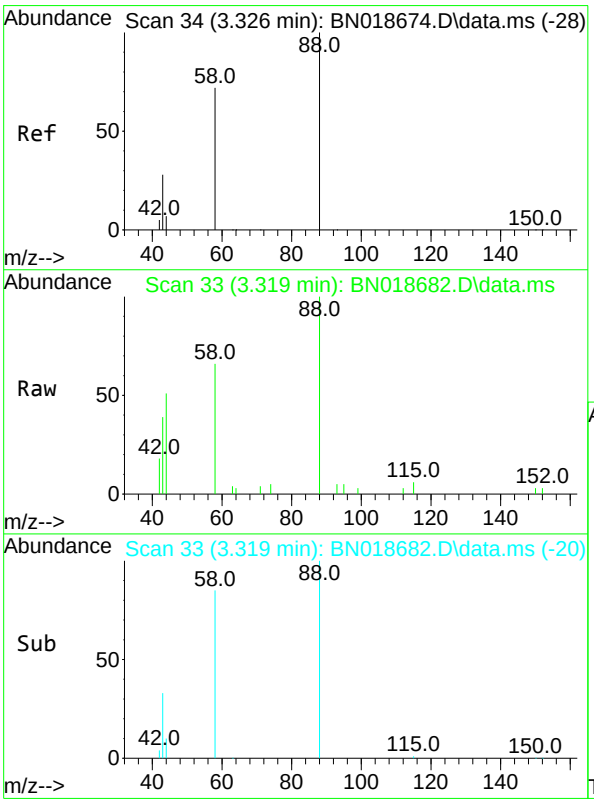
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.919 min Scan# 6
Delta R.T. 0.000 min
Lab File: BN018682.D
Acq: 22 Feb 2022 18:03

Instrument :
BNA_N
ClientSampleId :
PB142777BS

Tgt Ion:152 Resp: 5059

Ion	Ratio	Lower	Upper
152	100		
150	156.3	121.7	182.5
115	61.9	43.8	65.8

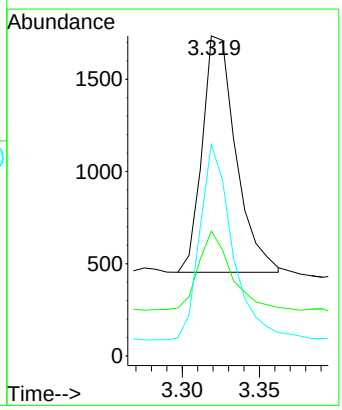


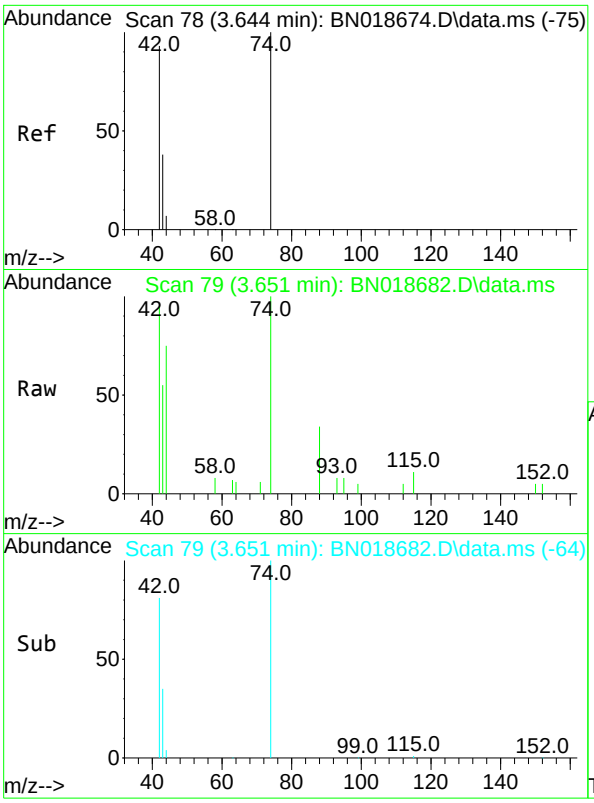


#2
1,4-Dioxane
Concen: 0.333 ng
RT: 3.319 min Scan# 33
Delta R.T. -0.007 min
Lab File: BN018682.D
Acq: 22 Feb 2022 18:03

Tgt Ion: 88 Resp: 1955

Ion	Ratio	Lower	Upper
88	100		
43	32.6	69.7	104.5#
58	79.6	83.8	125.8#



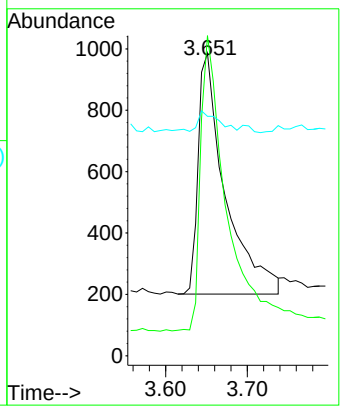


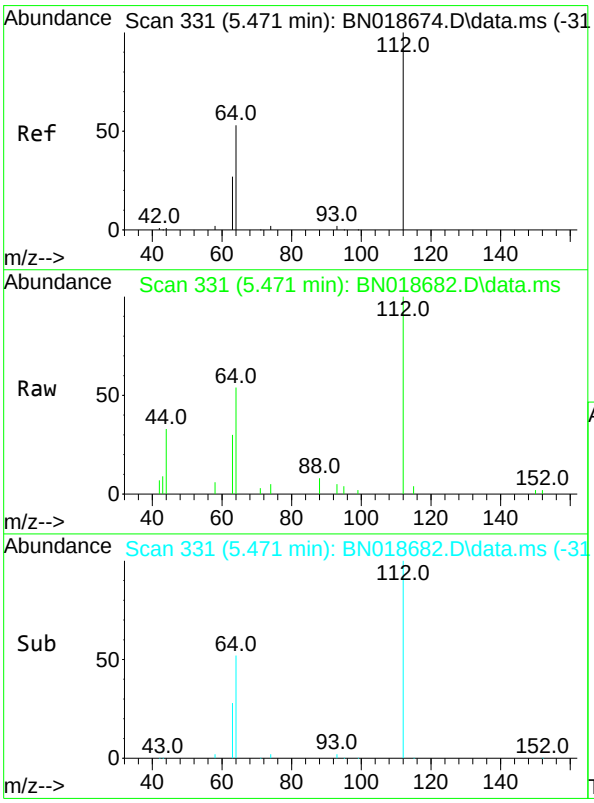
#3
n-Nitrosodimethylamine
Concen: 0.311 ng
RT: 3.651 min Scan# 7
Delta R.T. 0.007 min
Lab File: BN018682.D
Acq: 22 Feb 2022 18:03

Instrument :
BNA_N
ClientSampleId :
PB142777BS

Tgt Ion: 42 Resp: 1815

Ion	Ratio	Lower	Upper
42	100		
74	119.9	108.6	163.0
44	6.0	5.8	8.8

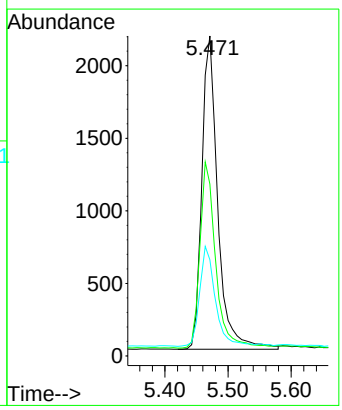


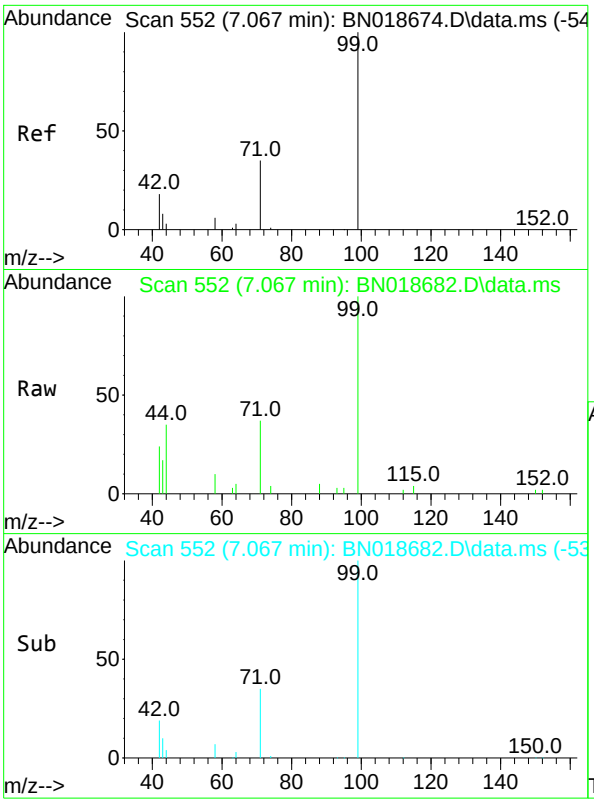


#4
2-Fluorophenol
Concen: 0.326 ng
RT: 5.471 min Scan# 331
Delta R.T. 0.000 min
Lab File: BN018682.D
Acq: 22 Feb 2022 18:03

Tgt Ion:112 Resp: 3776

Ion	Ratio	Lower	Upper
112	100		
64	59.0	48.0	72.0
63	31.6	25.3	37.9



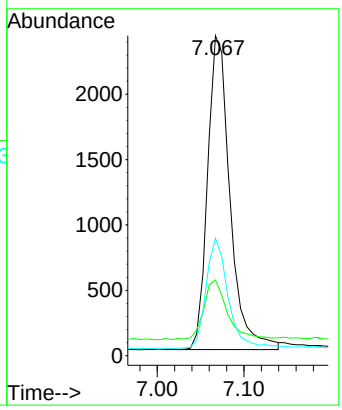


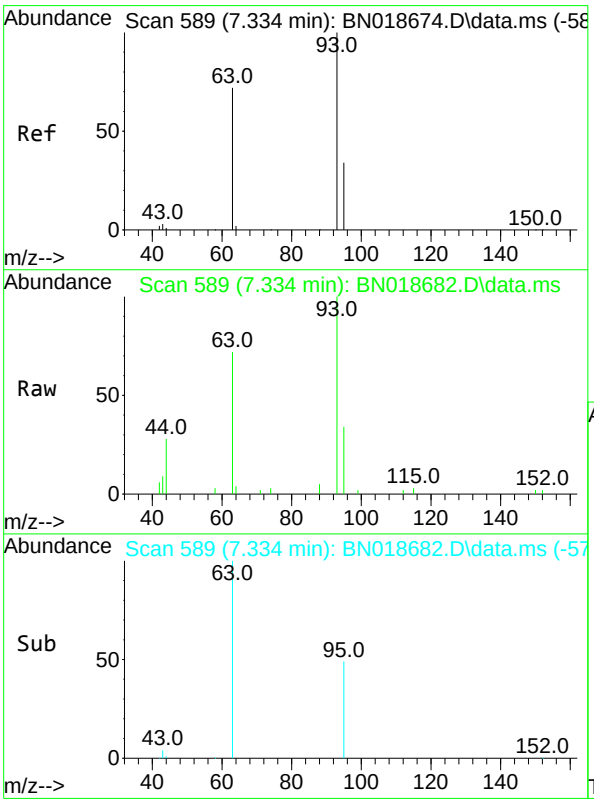
#5
Phenol-d6
Concen: 0.325 ng
RT: 7.067 min Scan# 5
Delta R.T. 0.000 min
Lab File: BN018682.D
Acq: 22 Feb 2022 18:03

Instrument :
BNA_N
ClientSampleId :
PB142777BS

Tgt Ion: 99 Resp: 4325

Ion	Ratio	Lower	Upper
99	100		
42	19.9	16.3	24.5
71	35.2	26.8	40.2

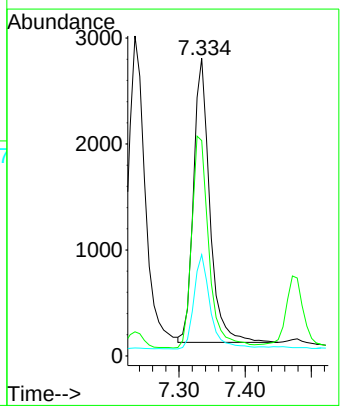


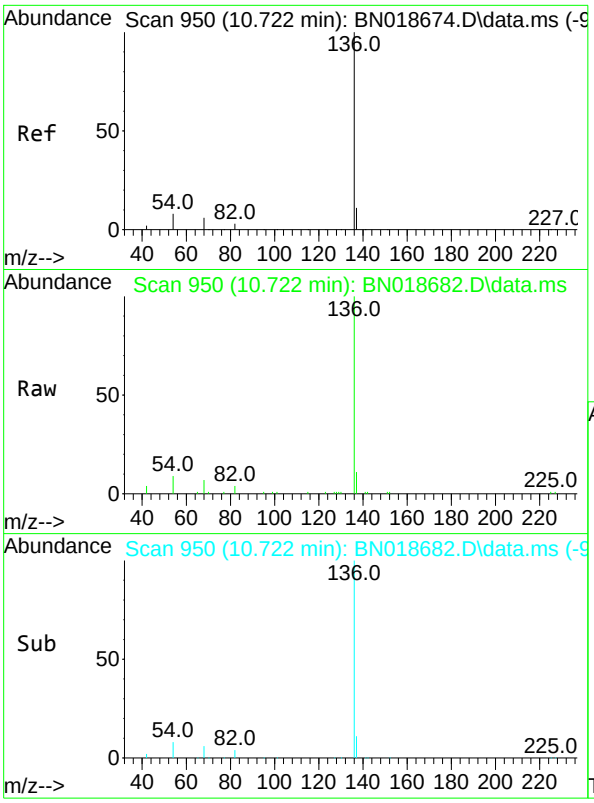


#6
bis(2-Chloroethyl)ether
Concen: 0.336 ng
RT: 7.334 min Scan# 589
Delta R.T. 0.000 min
Lab File: BN018682.D
Acq: 22 Feb 2022 18:03

Tgt Ion: 93 Resp: 4598

Ion	Ratio	Lower	Upper
93	100		
63	78.8	61.7	92.5
95	33.3	26.2	39.4



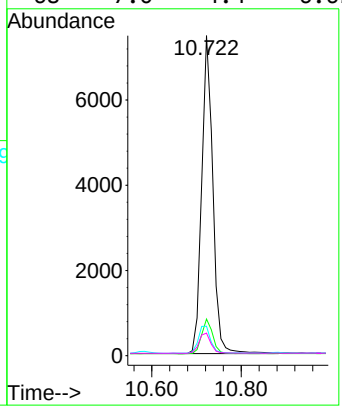


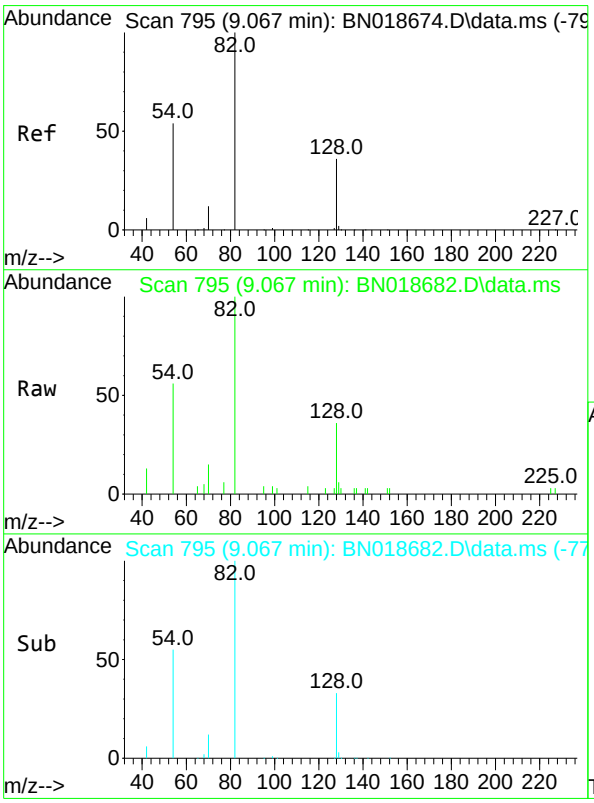
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.722 min Scan# 9
Delta R.T. 0.000 min
Lab File: BN018682.D
Acq: 22 Feb 2022 18:03

Instrument :
BNA_N
ClientSampleId :
PB142777BS

Tgt Ion:136 Resp: 12872

Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.8	13.2
54	9.2	5.0	7.6#
68	7.0	4.4	6.6#

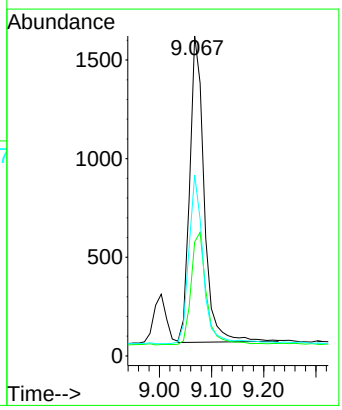


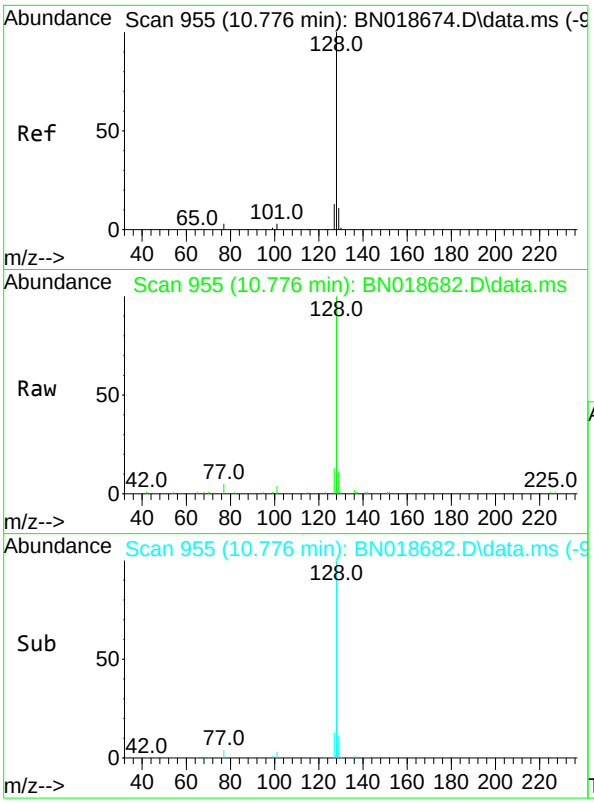


#8
Nitrobenzene-d5
Concen: 0.301 ng
RT: 9.067 min Scan# 795
Delta R.T. 0.000 min
Lab File: BN018682.D
Acq: 22 Feb 2022 18:03

Tgt Ion: 82 Resp: 2995

Ion	Ratio	Lower	Upper
82	100		
128	35.6	33.7	50.5
54	56.5	36.6	55.0#



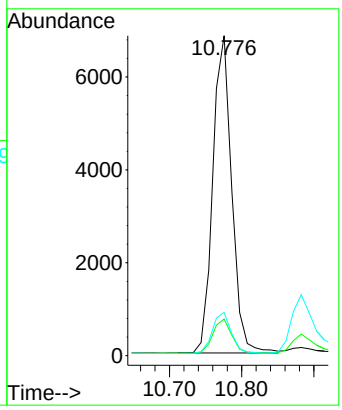


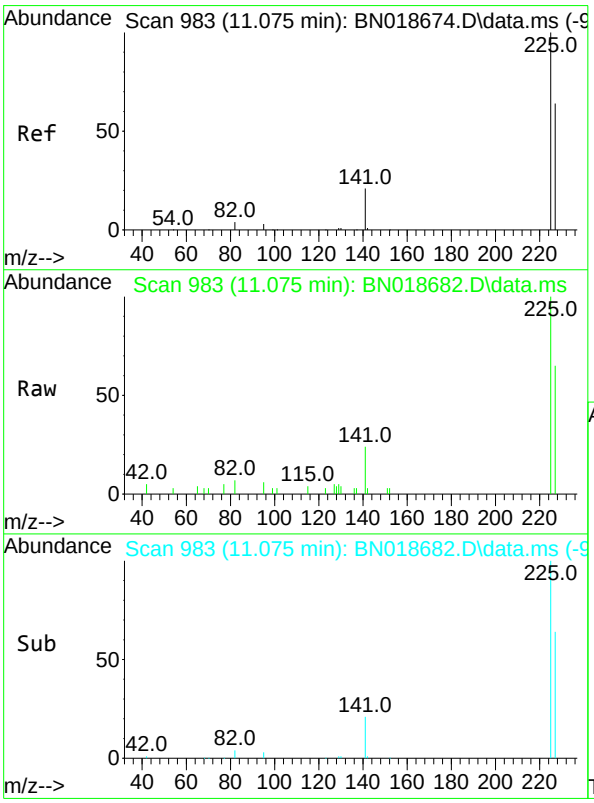
#9
Naphthalene
Concen: 0.334 ng
RT: 10.776 min Scan# 9
Delta R.T. 0.000 min
Lab File: BN018682.D
Acq: 22 Feb 2022 18:03

Instrument :
BNA_N
ClientSampleId :
PB142777BS

Tgt Ion:128 Resp: 12420

Ion	Ratio	Lower	Upper
128	100		
129	11.5	8.7	13.1
127	13.5	10.4	15.6

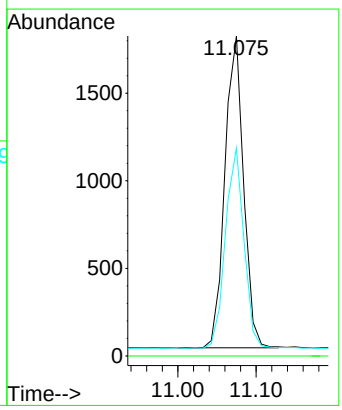


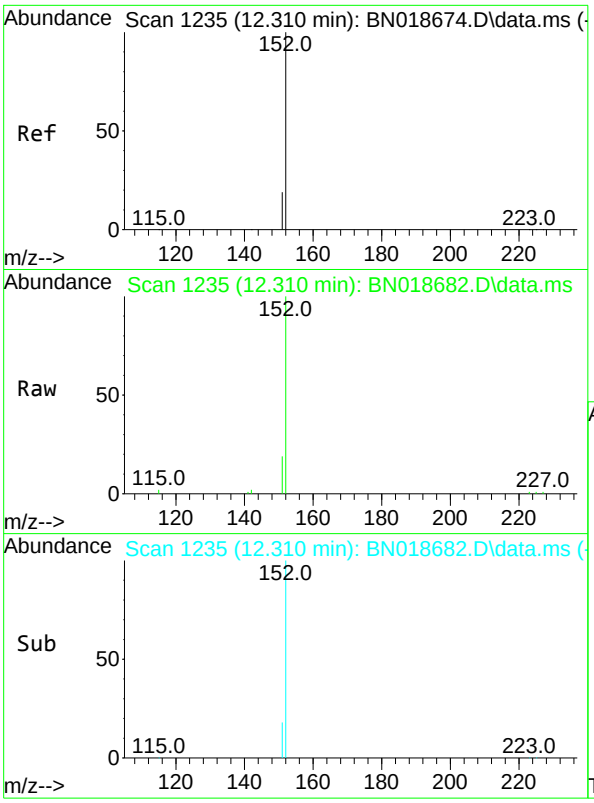


#10
Hexachlorobutadiene
Concen: 0.330 ng
RT: 11.075 min Scan# 983
Delta R.T. 0.000 min
Lab File: BN018682.D
Acq: 22 Feb 2022 18:03

Tgt Ion:225 Resp: 2951

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.6	51.0	76.6



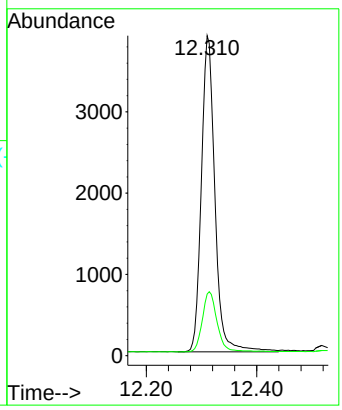


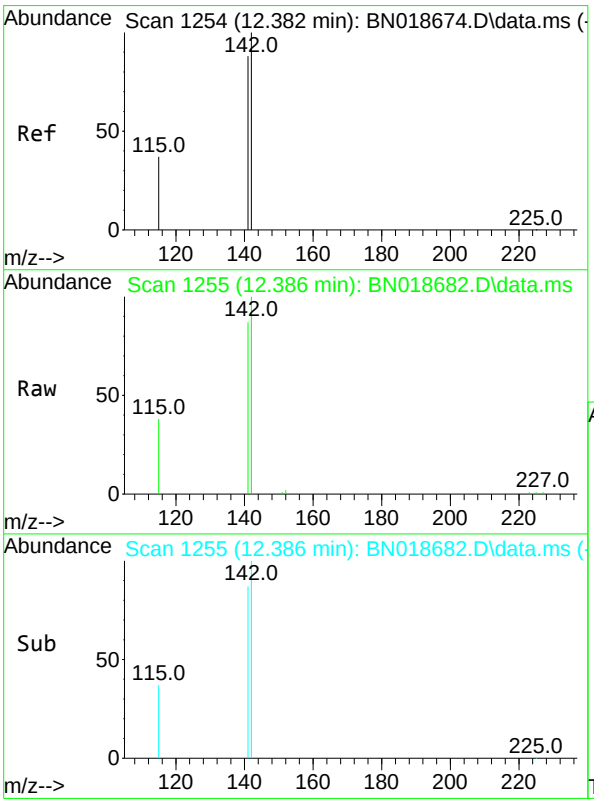
#11
2-Methylnaphthalene-d10
Concen: 0.342 ng
RT: 12.310 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN018682.D
Acq: 22 Feb 2022 18:03

Instrument :
BNA_N
ClientSampleId :
PB142777BS

Tgt Ion:152 Resp: 6630

Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.2	24.2

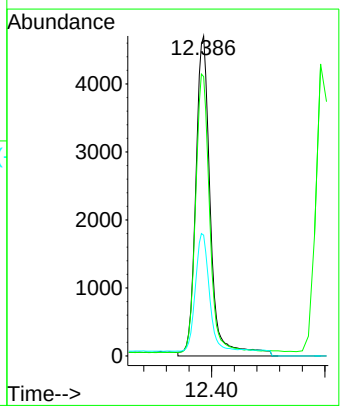


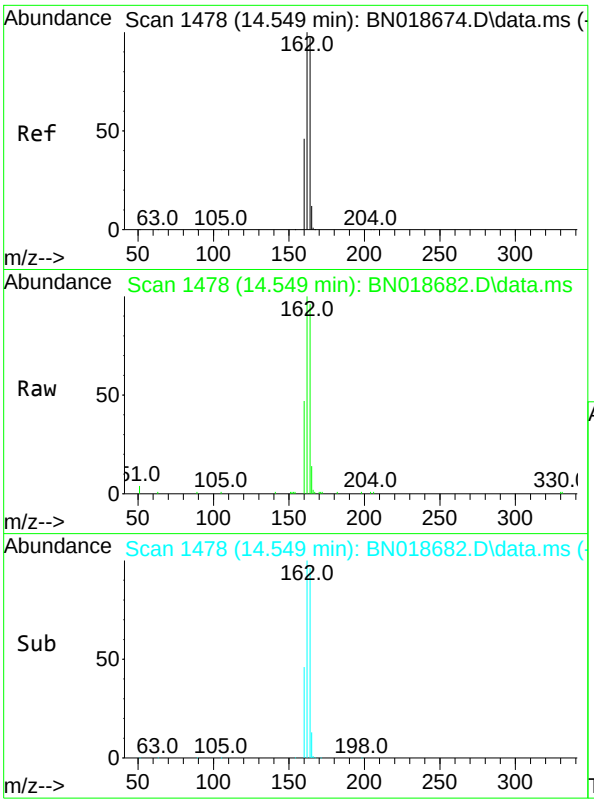


#12
2-Methylnaphthalene
Concen: 0.353 ng
RT: 12.386 min Scan# 1255
Delta R.T. 0.004 min
Lab File: BN018682.D
Acq: 22 Feb 2022 18:03

Tgt Ion:142 Resp: 8782

Ion	Ratio	Lower	Upper
142	100		
141	87.3	70.0	105.0
115	37.8	27.8	41.8



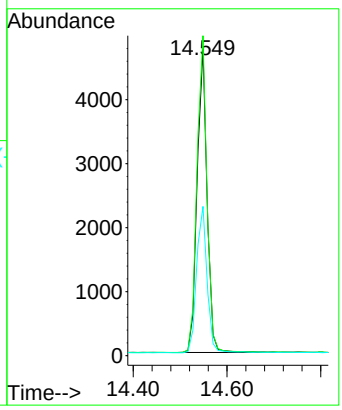


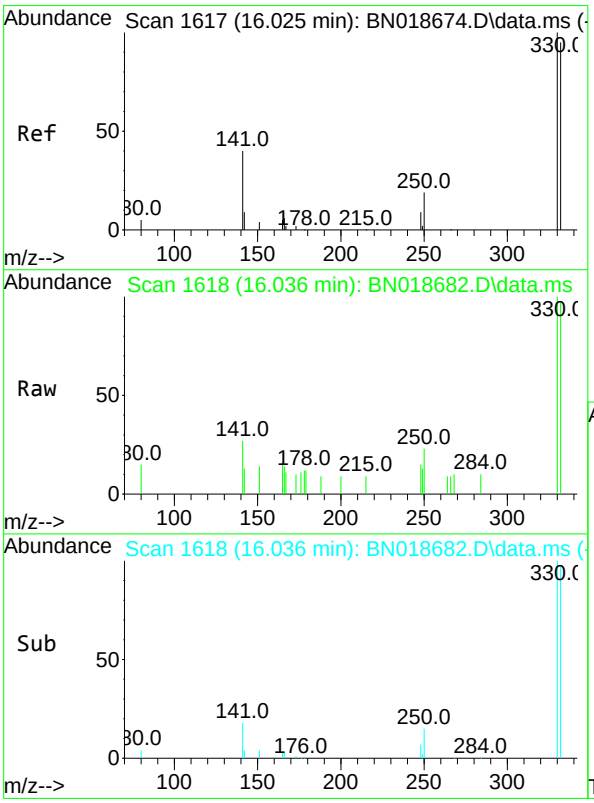
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.549 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN018682.D
Acq: 22 Feb 2022 18:03

Instrument :
BNA_N
ClientSampleId :
PB142777BS

Tgt Ion:164 Resp: 7035

Ion	Ratio	Lower	Upper
164	100		
162	104.1	80.2	120.2
160	48.6	36.9	55.3

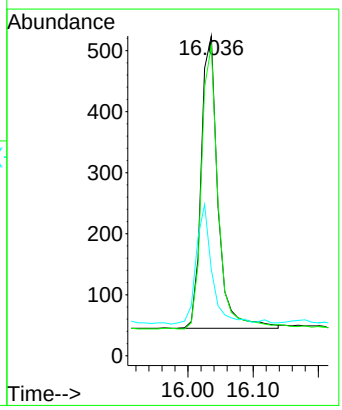


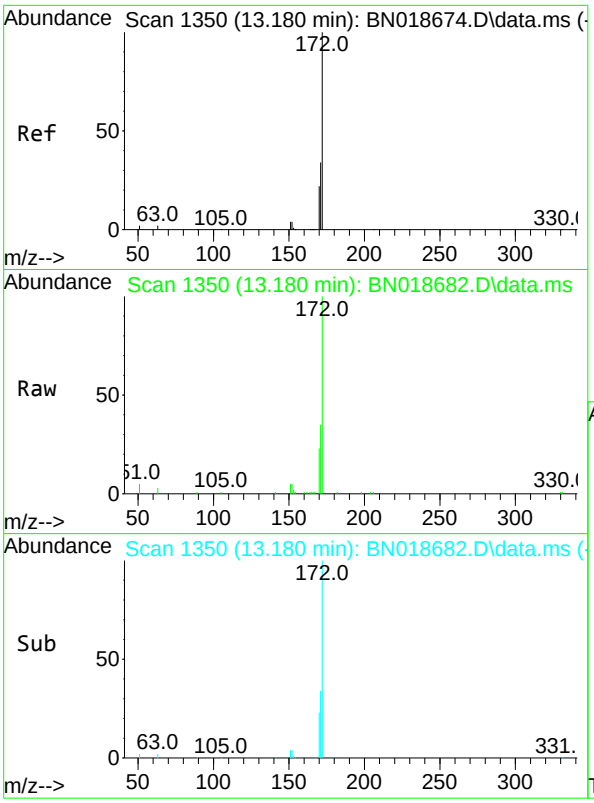


#14
2,4,6-Tribromophenol
Concen: 0.312 ng
RT: 16.036 min Scan# 1618
Delta R.T. 0.011 min
Lab File: BN018682.D
Acq: 22 Feb 2022 18:03

Tgt Ion:330 Resp: 856

Ion	Ratio	Lower	Upper
330	100		
332	96.1	0.0	0.0#
141	38.9	21.3	31.9#



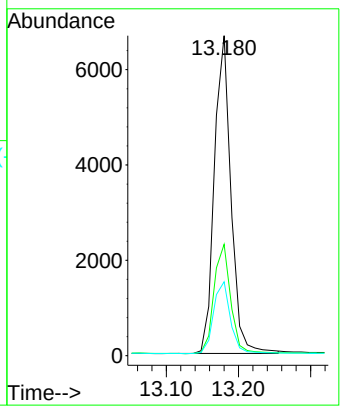


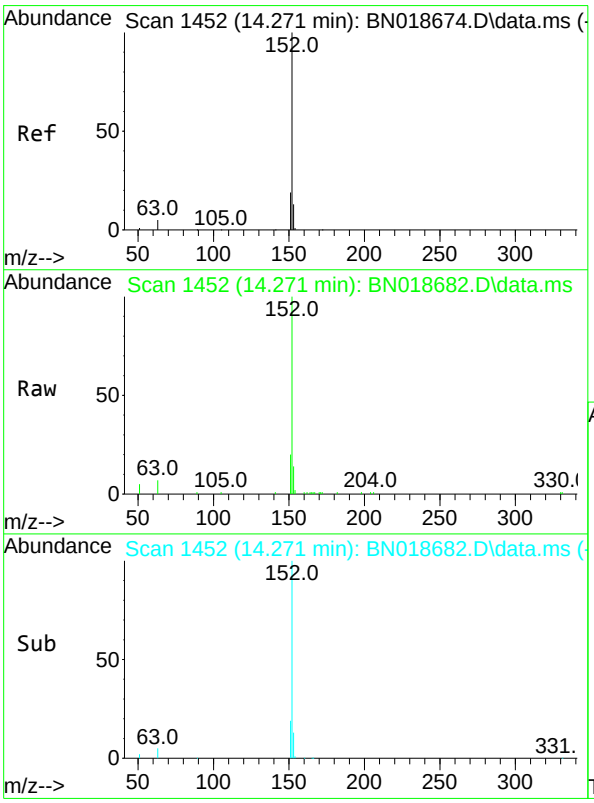
#15
2-Fluorobiphenyl
Concen: 0.320 ng
RT: 13.180 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN018682.D
Acq: 22 Feb 2022 18:03

Instrument :
BNA_N
ClientSampleId :
PB142777BS

Tgt Ion:172 Resp: 10666

Ion	Ratio	Lower	Upper
172	100		
171	34.8	27.4	41.0
170	23.1	18.4	27.6

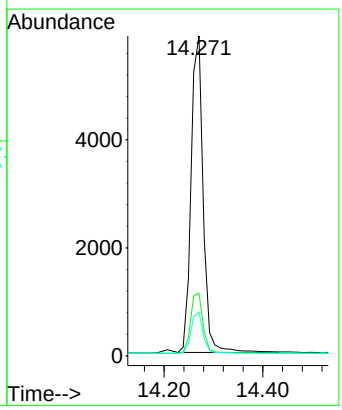


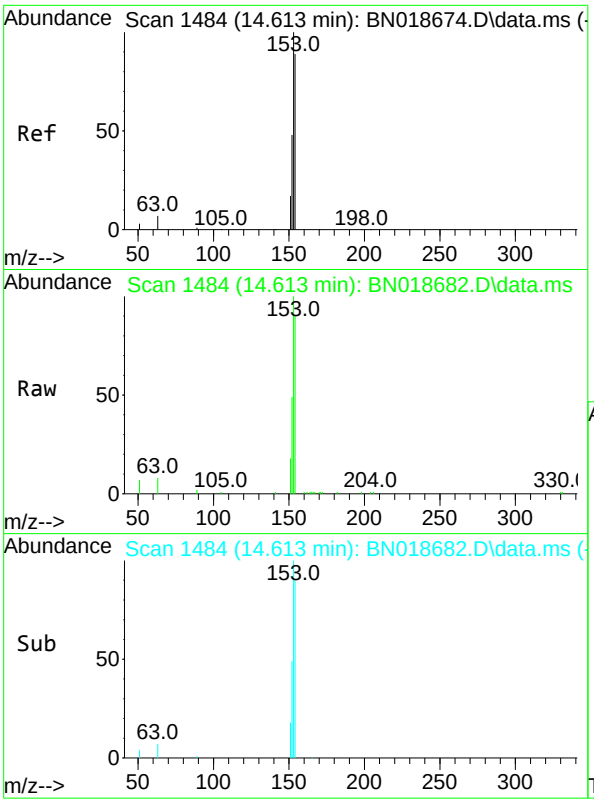


#16
Acenaphthylene
Concen: 0.298 ng
RT: 14.271 min Scan# 1452
Delta R.T. 0.000 min
Lab File: BN018682.D
Acq: 22 Feb 2022 18:03

Tgt Ion:152 Resp: 9954

Ion	Ratio	Lower	Upper
152	100		
151	20.1	15.8	23.6
153	13.2	10.5	15.7



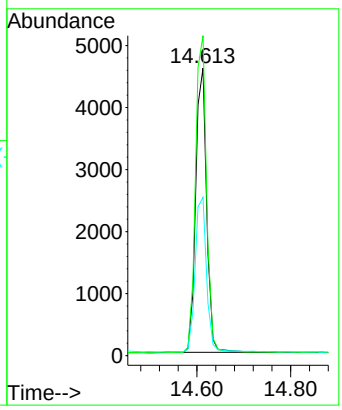


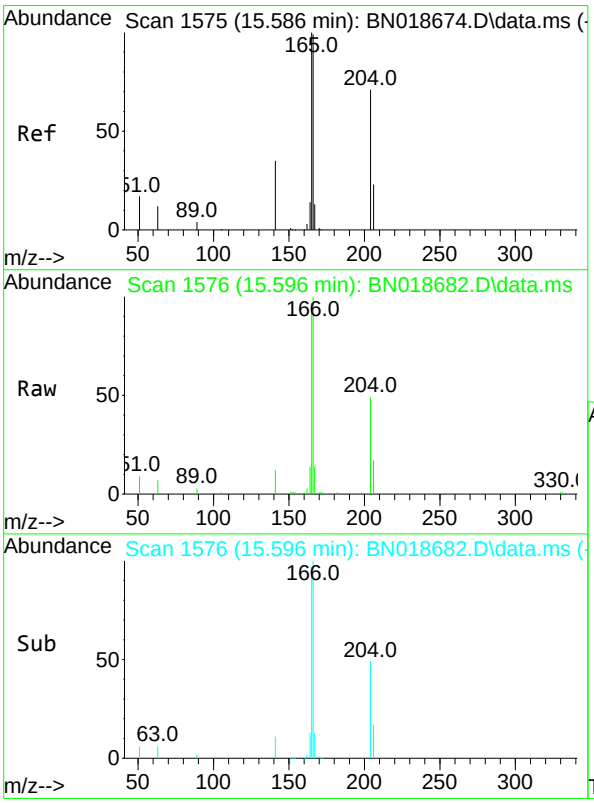
#17
Acenaphthene
Concen: 0.322 ng
RT: 14.613 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN018682.D
Acq: 22 Feb 2022 18:03

Instrument :
BNA_N
ClientSampleId :
PB142777BS

Tgt Ion:154 Resp: 7409

Ion	Ratio	Lower	Upper
154	100		
153	113.6	90.9	136.3
152	56.9	45.0	67.4

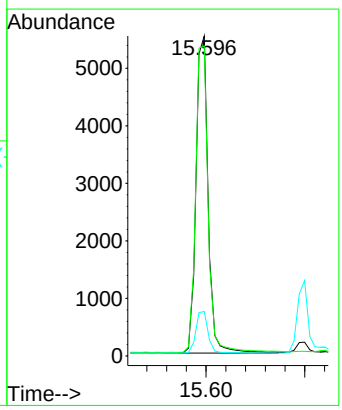


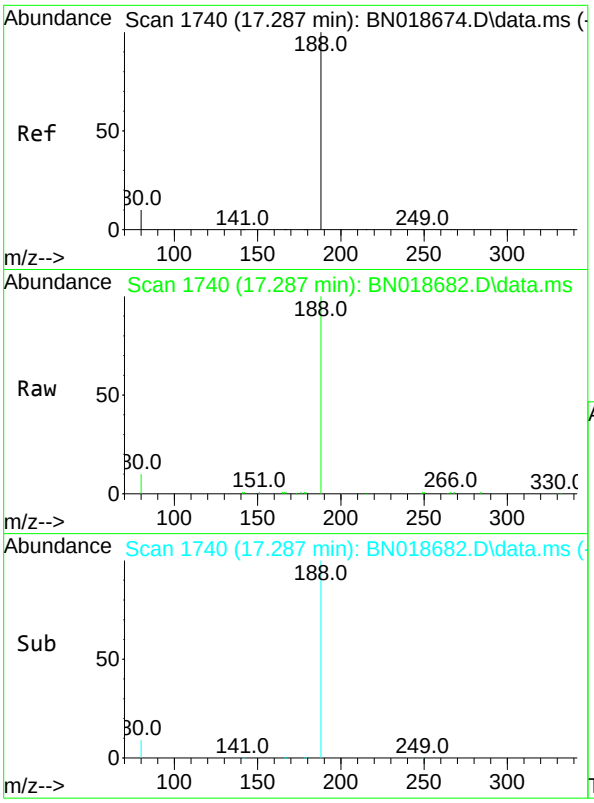


#18
Fluorene
Concen: 0.339 ng
RT: 15.596 min Scan# 1576
Delta R.T. 0.011 min
Lab File: BN018682.D
Acq: 22 Feb 2022 18:03

Tgt Ion:166 Resp: 9389

Ion	Ratio	Lower	Upper
166	100		
165	99.5	77.8	116.6
167	13.4	10.9	16.3



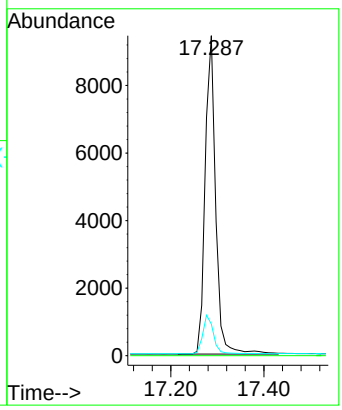


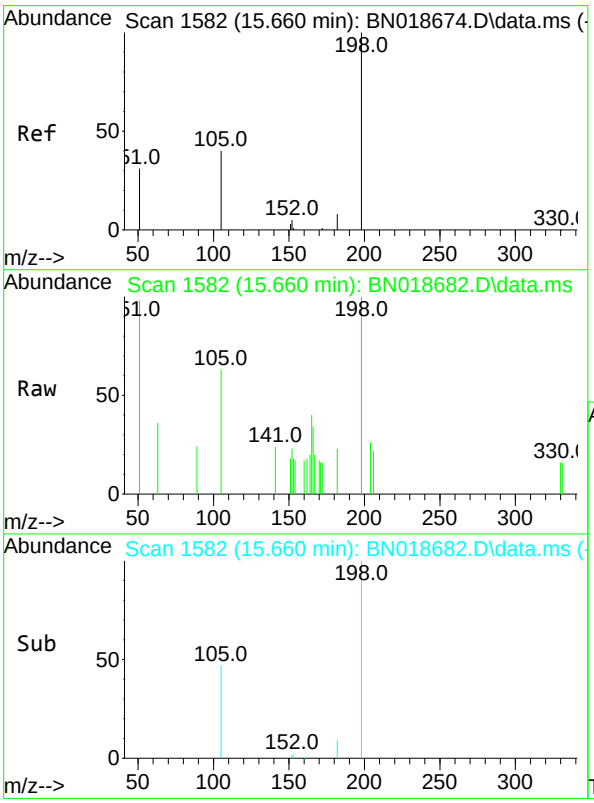
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.287 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN018682.D
Acq: 22 Feb 2022 18:03

Instrument :
BNA_N
ClientSampleId :
PB142777BS

Tgt Ion:188 Resp: 14719

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.9	7.0	10.4

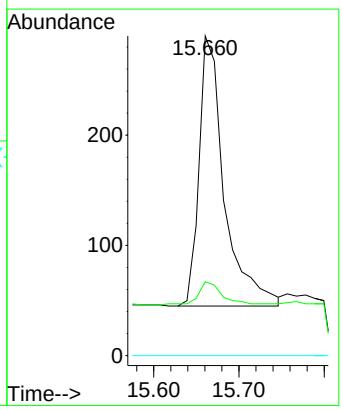


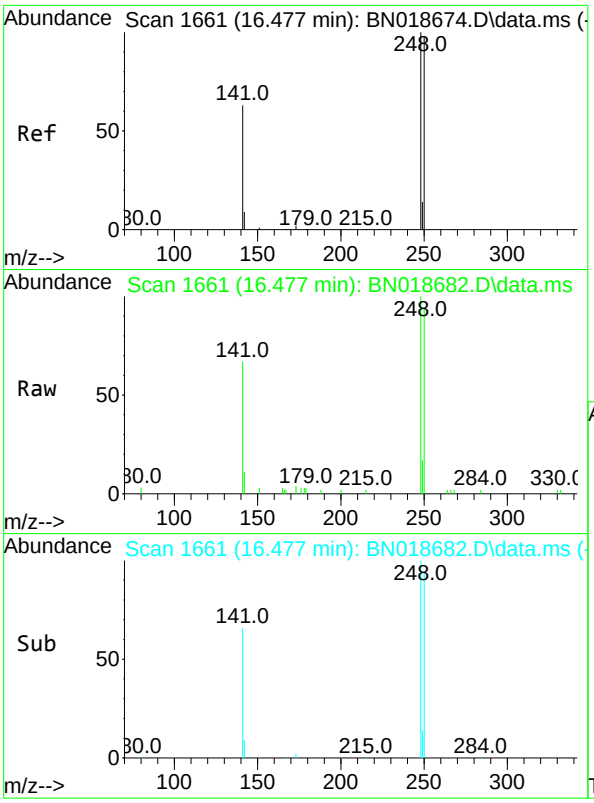


#20
4,6-Dinitro-2-methylphenol
Concen: 0.305 ng
RT: 15.660 min Scan# 1582
Delta R.T. 0.000 min
Lab File: BN018682.D
Acq: 22 Feb 2022 18:03

Tgt Ion:198 Resp: 504

Ion	Ratio	Lower	Upper
198	100		
182	23.1	15.5	23.3
77	0.0	0.0	0.0



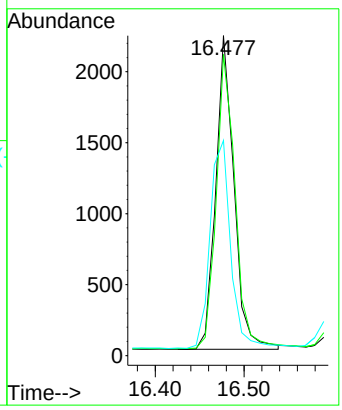


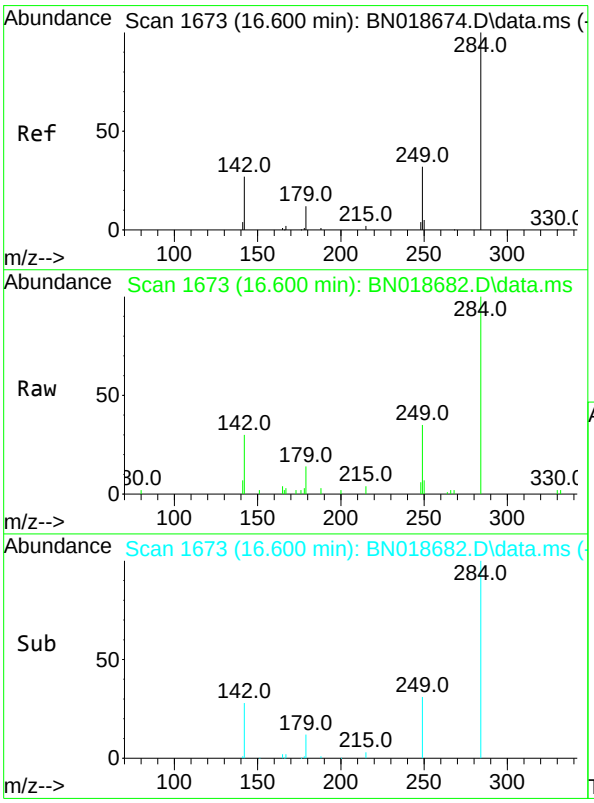
#21
4-Bromophenyl-phenylether
Concen: 0.301 ng
RT: 16.477 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN018682.D
Acq: 22 Feb 2022 18:03

Instrument :
BNA_N
ClientSampleId :
PB142777BS

Tgt Ion:248 Resp: 3153

Ion	Ratio	Lower	Upper
248	100		
250	94.1	74.4	111.6
141	67.3	43.7	65.5#

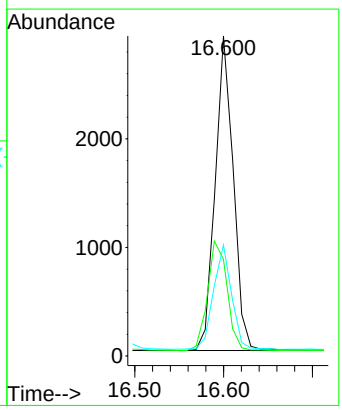


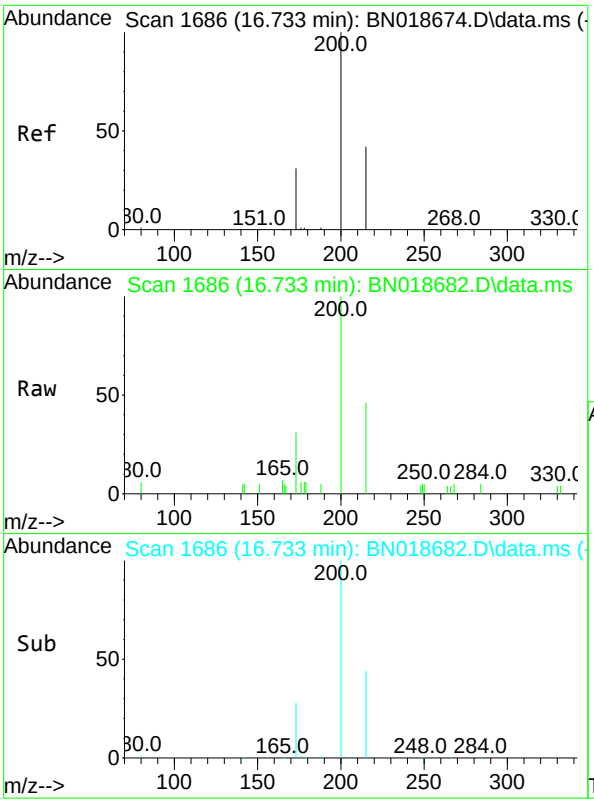


#22
Hexachlorobenzene
Concen: 0.314 ng
RT: 16.600 min Scan# 1673
Delta R.T. 0.000 min
Lab File: BN018682.D
Acq: 22 Feb 2022 18:03

Tgt Ion:284 Resp: 4108

Ion	Ratio	Lower	Upper
284	100		
142	37.3	21.6	32.4#
249	33.2	23.5	35.3



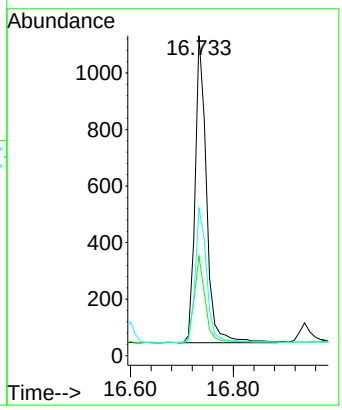


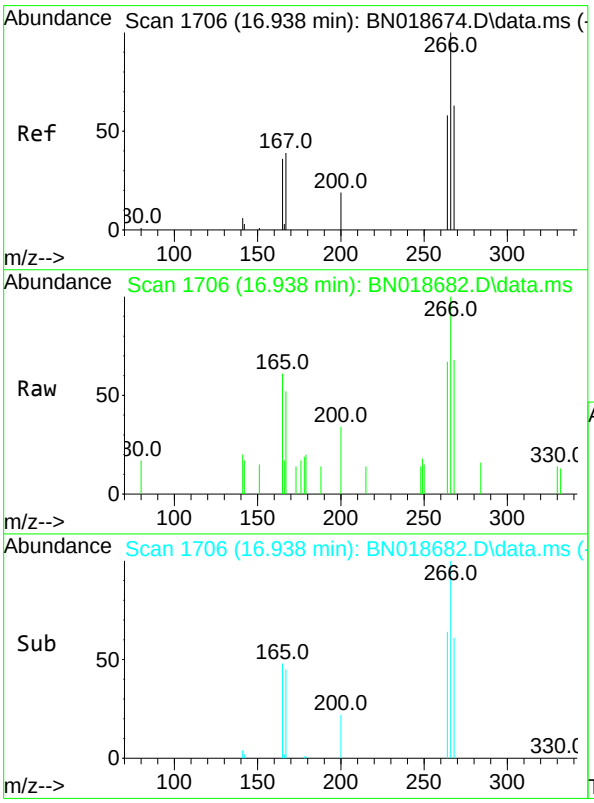
#23
Atrazine
Concen: 0.287 ng
RT: 16.733 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN018682.D
Acq: 22 Feb 2022 18:03

Instrument :
BNA_N
ClientSampleId :
PB142777BS

Tgt Ion:200 Resp: 1657

Ion	Ratio	Lower	Upper
200	100		
173	31.0	20.3	30.5#
215	46.0	40.4	60.6

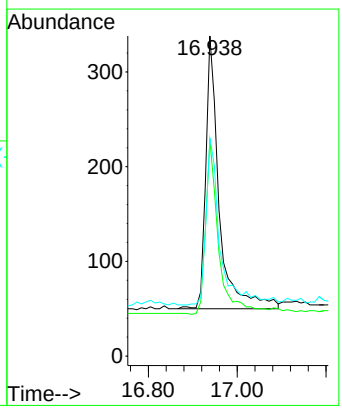


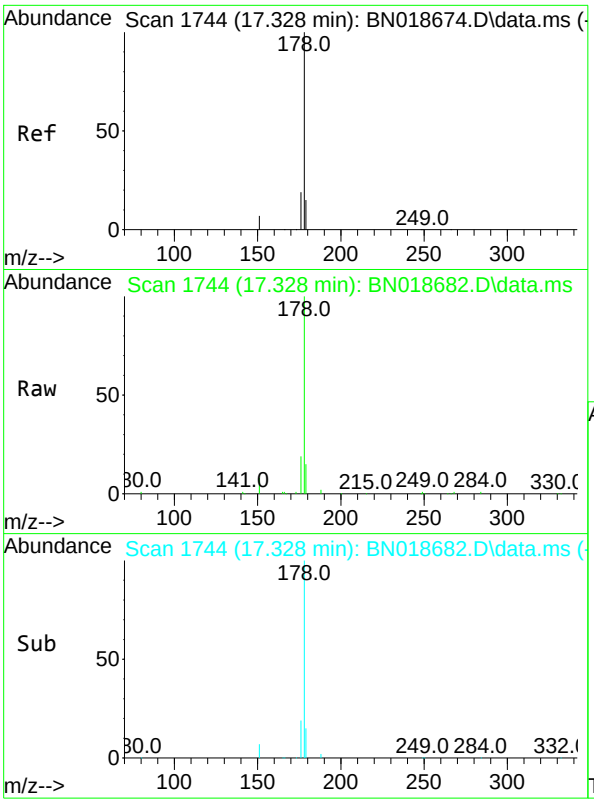


#24
Pentachlorophenol
Concen: 0.301 ng
RT: 16.938 min Scan# 1706
Delta R.T. 0.000 min
Lab File: BN018682.D
Acq: 22 Feb 2022 18:03

Tgt Ion:266 Resp: 604

Ion	Ratio	Lower	Upper
266	100		
264	62.3	49.5	74.3
268	63.2	50.6	76.0



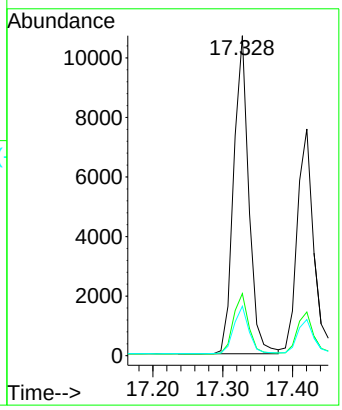


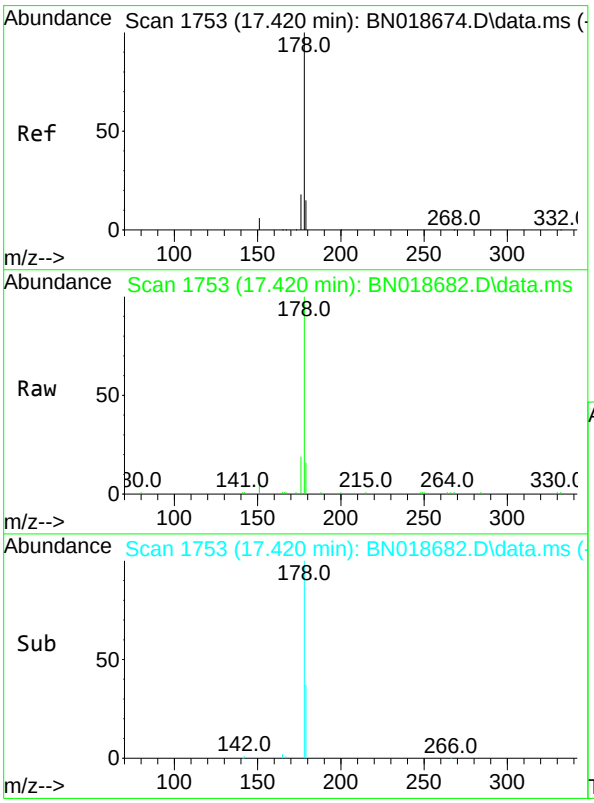
#25
Phenanthrene
Concen: 0.325 ng
RT: 17.328 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN018682.D
Acq: 22 Feb 2022 18:03

Instrument :
BNA_N
ClientSampleId :
PB142777BS

Tgt Ion:178 Resp: 16034

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.3	22.9
179	15.0	12.3	18.5

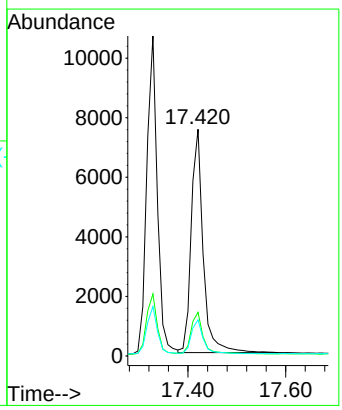


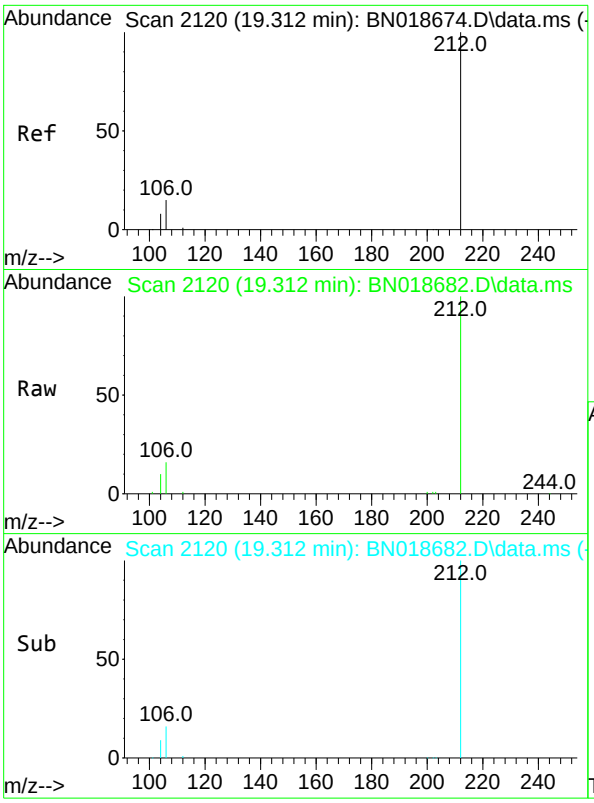


#26
Anthracene
Concen: 0.305 ng
RT: 17.420 min Scan# 1753
Delta R.T. 0.000 min
Lab File: BN018682.D
Acq: 22 Feb 2022 18:03

Tgt Ion:178 Resp: 12703

Ion	Ratio	Lower	Upper
178	100		
176	18.6	14.8	22.2
179	15.4	12.2	18.4



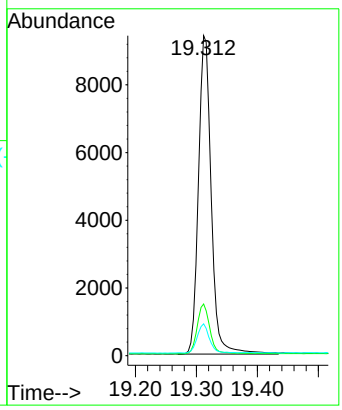


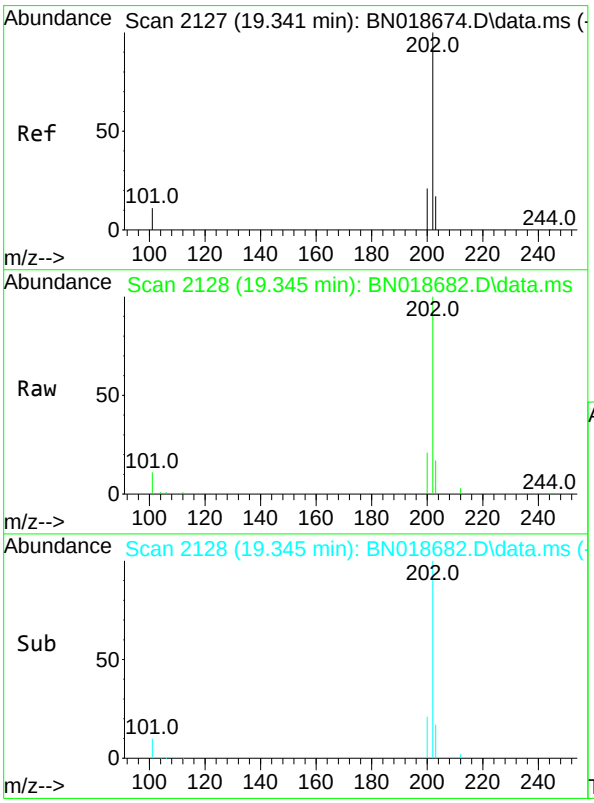
#27
Fluoranthene-d10
Concen: 0.343 ng
RT: 19.312 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN018682.D
Acq: 22 Feb 2022 18:03

Instrument :
BNA_N
ClientSampleId :
PB142777BS

Tgt Ion:212 Resp: 13715

Ion	Ratio	Lower	Upper
212	100		
106	15.3	8.4	12.6#
104	8.9	4.5	6.7#

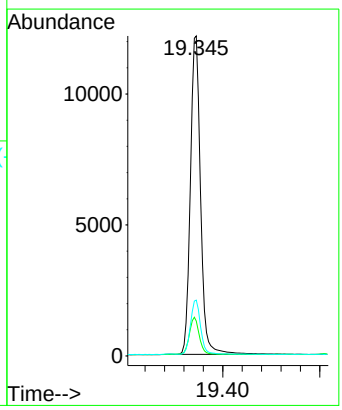


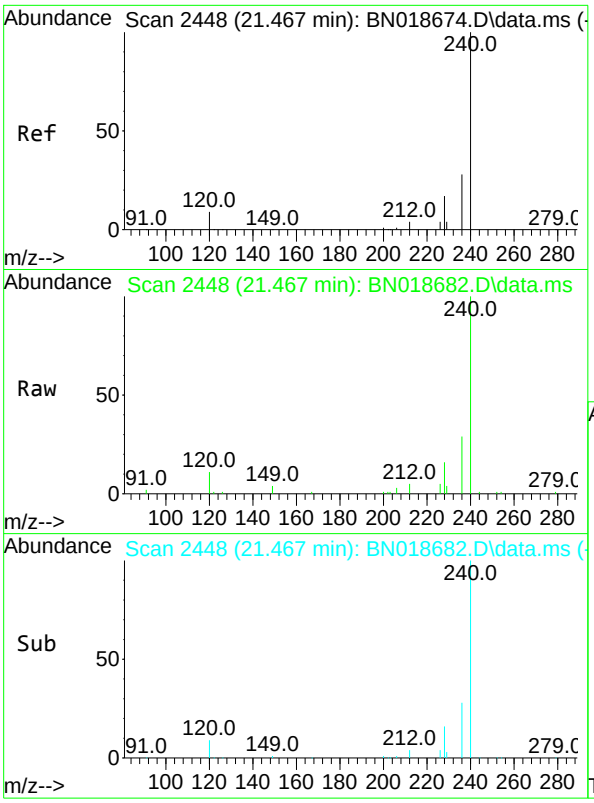


#28
Fluoranthene
Concen: 0.343 ng
RT: 19.345 min Scan# 2128
Delta R.T. 0.004 min
Lab File: BN018682.D
Acq: 22 Feb 2022 18:03

Tgt Ion:202 Resp: 17673

Ion	Ratio	Lower	Upper
202	100		
101	11.7	7.2	10.8#
203	16.7	13.7	20.5



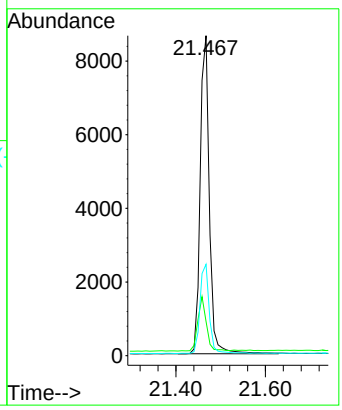


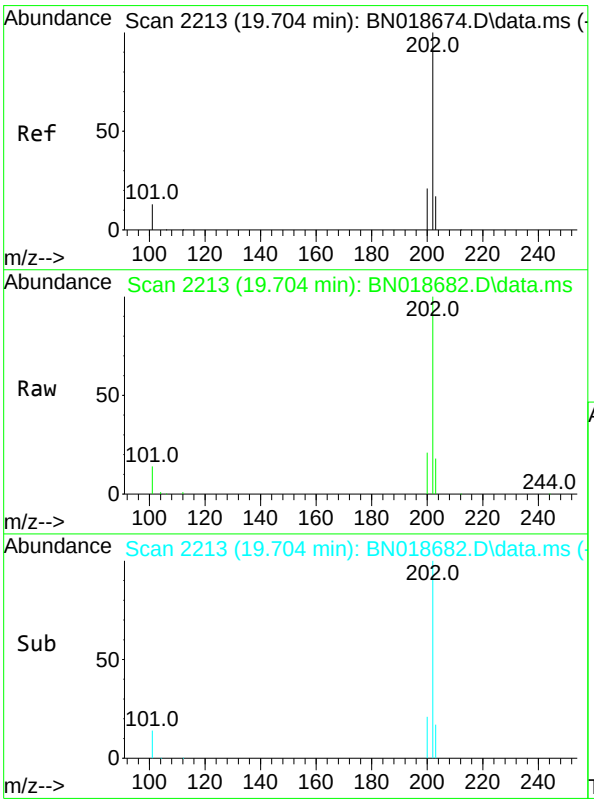
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.467 min Scan# 24
Delta R.T. 0.000 min
Lab File: BN018682.D
Acq: 22 Feb 2022 18:03

Instrument :
BNA_N
ClientSampleId :
PB142777BS

Tgt Ion:240 Resp: 12298

Ion	Ratio	Lower	Upper
240	100		
120	10.7	6.0	9.0#
236	28.6	21.4	32.2

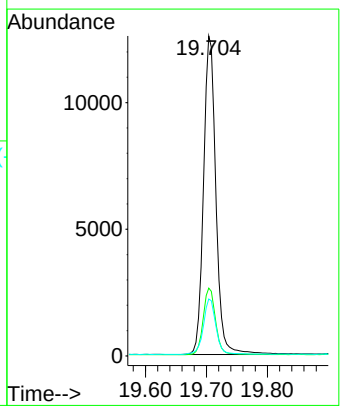


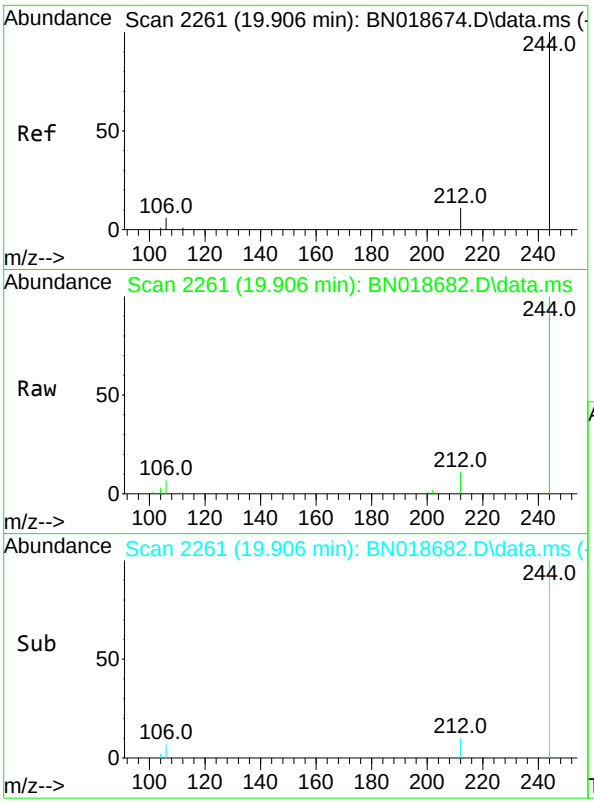


#30
Pyrene
Concen: 0.324 ng
RT: 19.704 min Scan# 2213
Delta R.T. 0.000 min
Lab File: BN018682.D
Acq: 22 Feb 2022 18:03

Tgt Ion:202 Resp: 17769

Ion	Ratio	Lower	Upper
202	100		
200	20.9	16.6	25.0
203	17.7	14.1	21.1



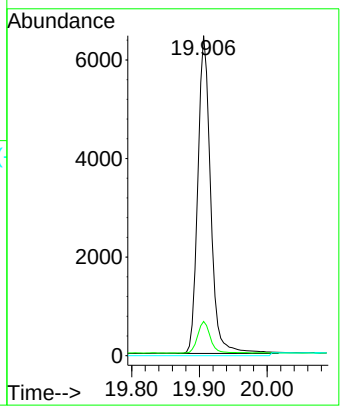


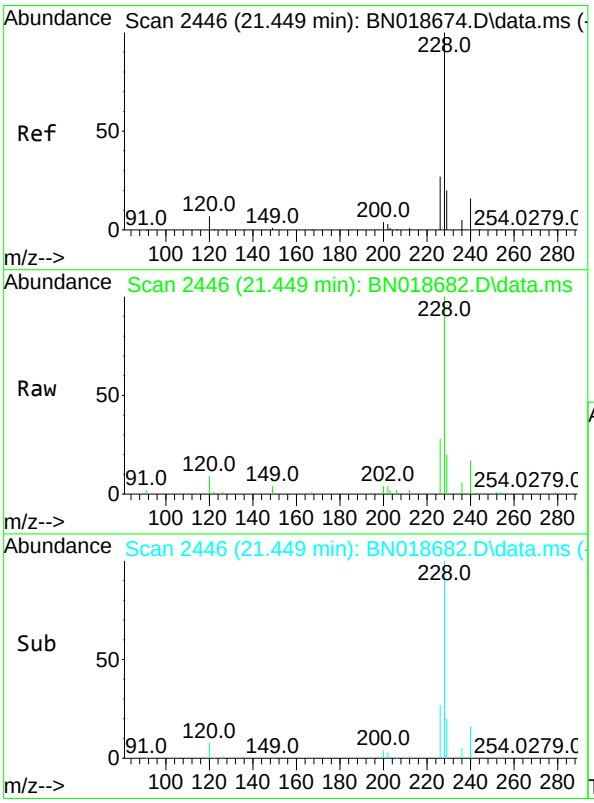
#31
Terphenyl-d14
Concen: 0.328 ng
RT: 19.906 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN018682.D
Acq: 22 Feb 2022 18:03

Instrument :
BNA_N
ClientSampleId :
PB142777BS

Tgt Ion:244 Resp: 8747

Ion	Ratio	Lower	Upper
244	100		
212	10.7	6.2	9.2#
122	0.0	7.9	11.9#

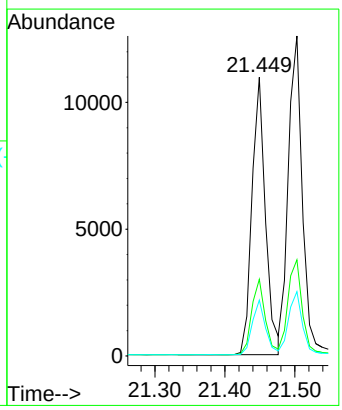


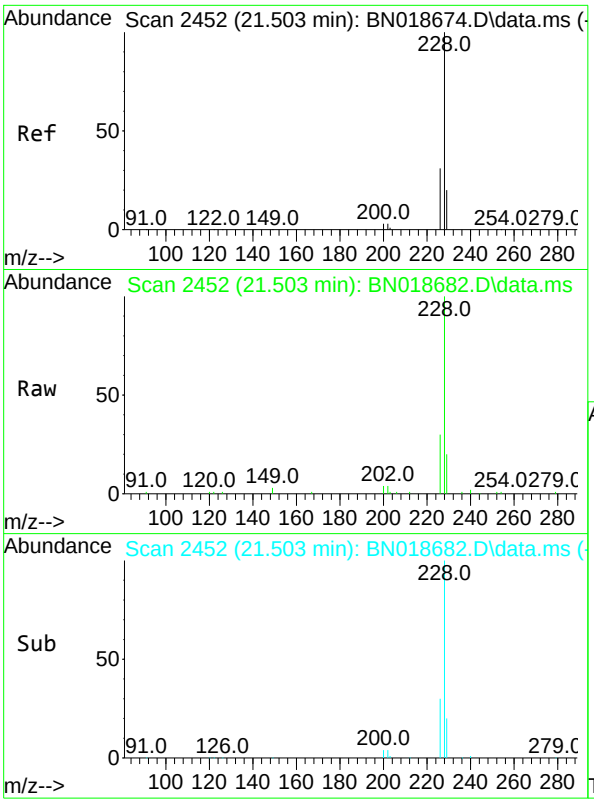


#32
Benzo(a)anthracene
Concen: 0.314 ng
RT: 21.449 min Scan# 2446
Delta R.T. 0.000 min
Lab File: BN018682.D
Acq: 22 Feb 2022 18:03

Tgt Ion:228 Resp: 14633

Ion	Ratio	Lower	Upper
228	100		
226	27.5	21.3	31.9
229	20.0	15.9	23.9



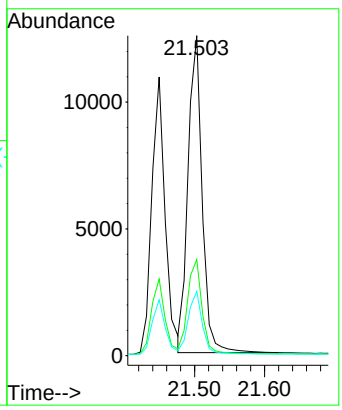


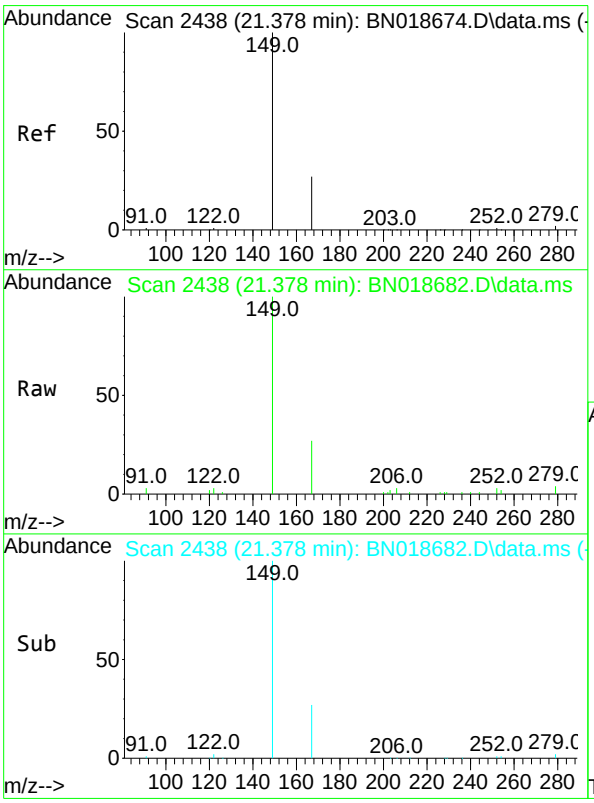
#33
Chrysene
Concen: 0.336 ng
RT: 21.503 min Scan# 24
Delta R.T. 0.000 min
Lab File: BN018682.D
Acq: 22 Feb 2022 18:03

Instrument :
BNA_N
ClientSampleId :
PB142777BS

Tgt Ion:228 Resp: 17494

Ion	Ratio	Lower	Upper
228	100		
226	30.0	24.2	36.4
229	20.1	15.5	23.3

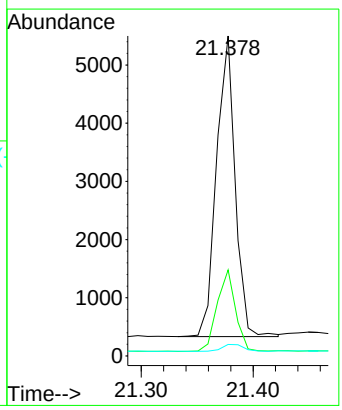


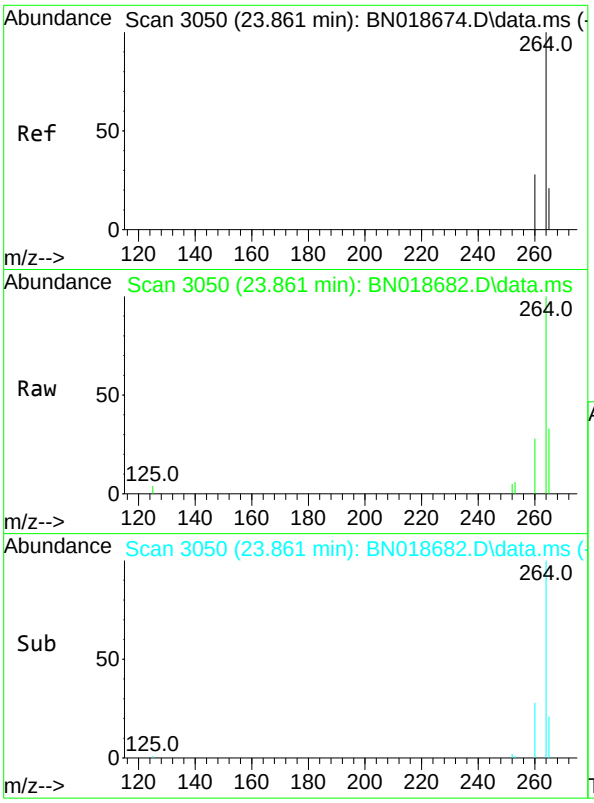


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.315 ng
RT: 21.378 min Scan# 2438
Delta R.T. 0.000 min
Lab File: BN018682.D
Acq: 22 Feb 2022 18:03

Tgt Ion:149 Resp: 5974

Ion	Ratio	Lower	Upper
149	100		
167	26.8	23.7	35.5
279	2.6	3.6	5.4#



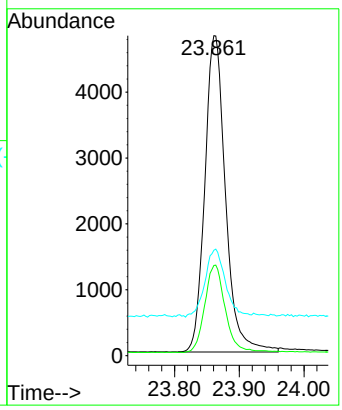


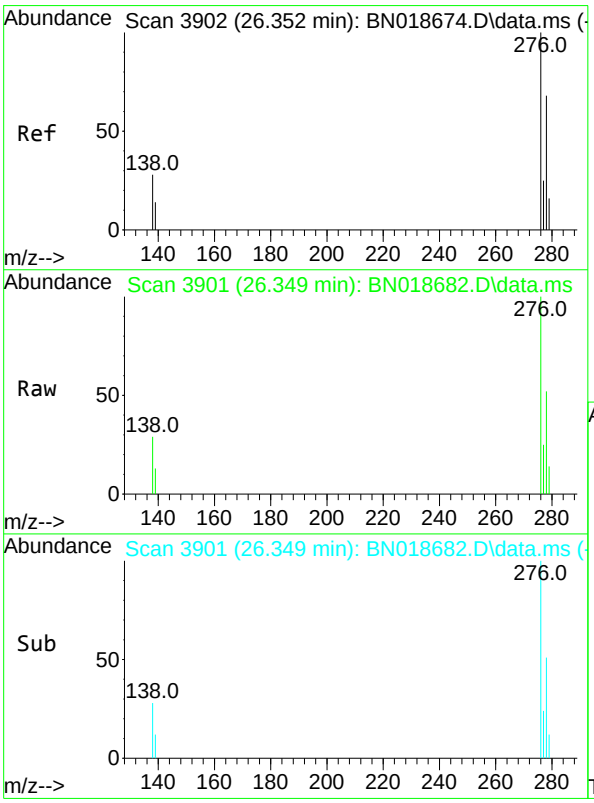
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.861 min Scan# 3
Delta R.T. 0.000 min
Lab File: BN018682.D
Acq: 22 Feb 2022 18:03

Instrument :
BNA_N
ClientSampleId :
PB142777BS

Tgt Ion:264 Resp: 10681

Ion	Ratio	Lower	Upper
264	100		
260	28.2	20.2	30.4
265	32.9	18.2	27.2#

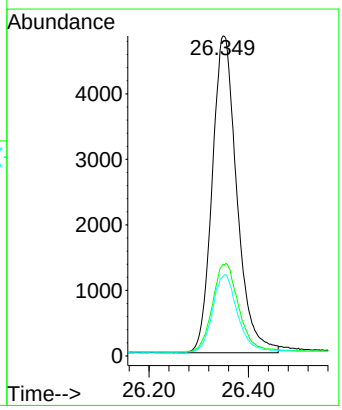


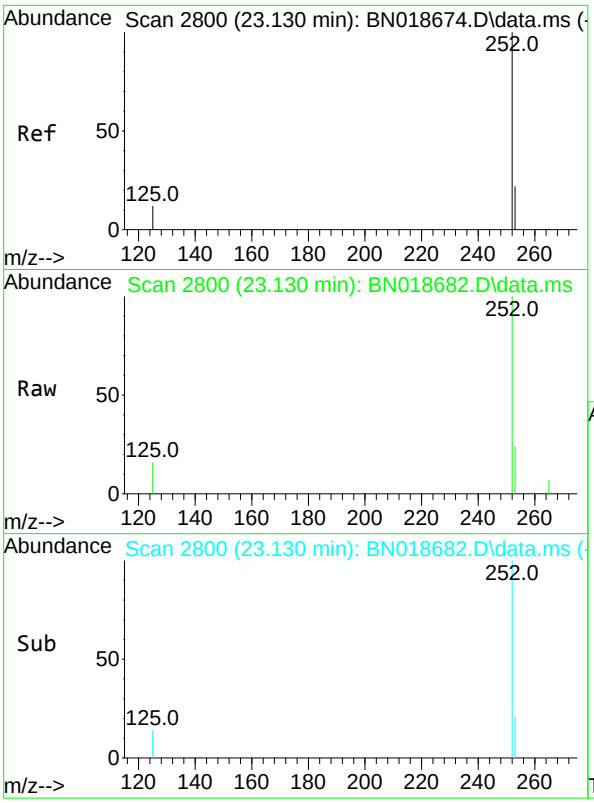


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.296 ng
RT: 26.349 min Scan# 3901
Delta R.T. -0.003 min
Lab File: BN018682.D
Acq: 22 Feb 2022 18:03

Tgt Ion:276 Resp: 16672

Ion	Ratio	Lower	Upper
276	100		
138	29.6	14.9	22.3#
277	24.7	19.9	29.9



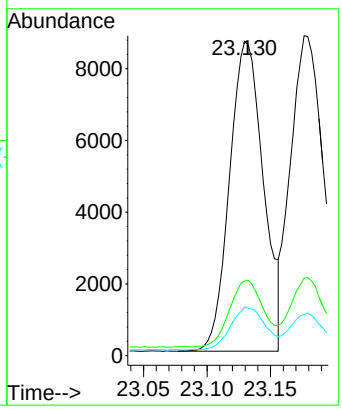


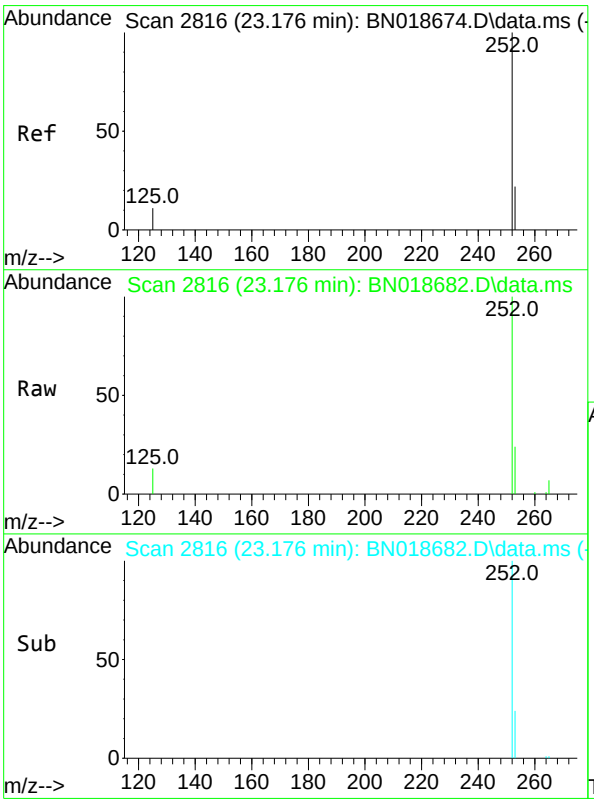
#37
Benzo(b)fluoranthene
Concen: 0.330 ng
RT: 23.130 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN018682.D
Acq: 22 Feb 2022 18:03

Instrument :
BNA_N
ClientSampleId :
PB142777BS

Tgt Ion:252 Resp: 16037

Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.8	26.6
125	15.5	6.0	9.0#

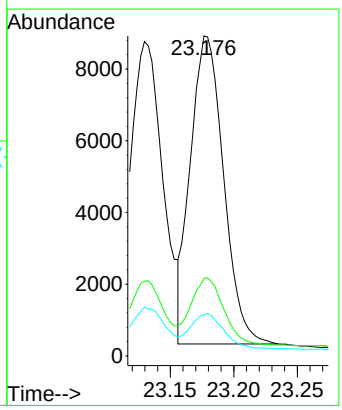


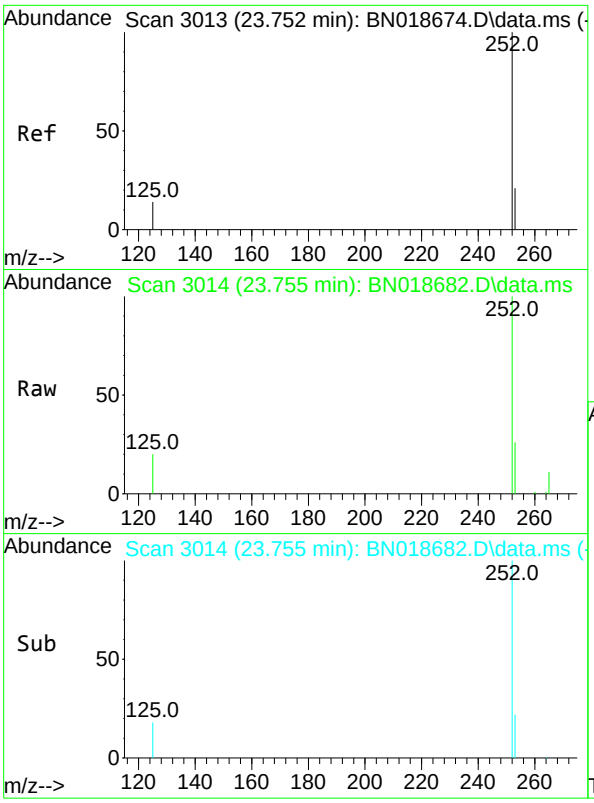


#38
Benzo(k)fluoranthene
Concen: 0.324 ng
RT: 23.176 min Scan# 2816
Delta R.T. 0.000 min
Lab File: BN018682.D
Acq: 22 Feb 2022 18:03

Tgt Ion:252 Resp: 15608

Ion	Ratio	Lower	Upper
252	100		
253	24.2	17.7	26.5
125	12.8	6.2	9.2#



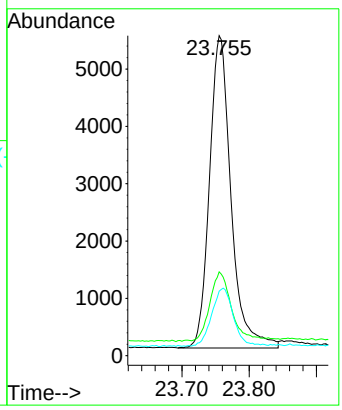


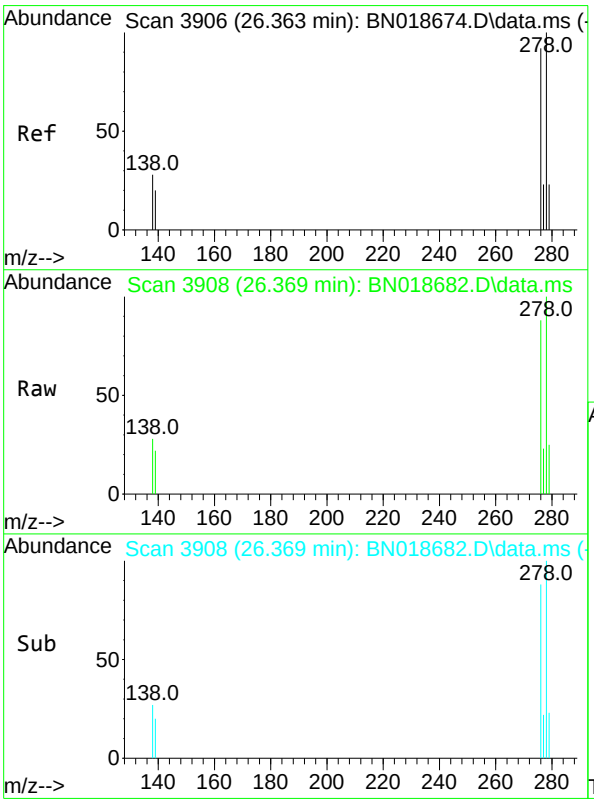
#39
Benzo(a)pyrene
Concen: 0.314 ng
RT: 23.755 min Scan# 3
Delta R.T. 0.003 min
Lab File: BN018682.D
Acq: 22 Feb 2022 18:03

Instrument :
BNA_N
ClientSampleId :
PB142777BS

Tgt Ion:252 Resp: 12129

Ion	Ratio	Lower	Upper
252	100		
253	26.2	17.8	26.6
125	20.1	7.0	10.4#

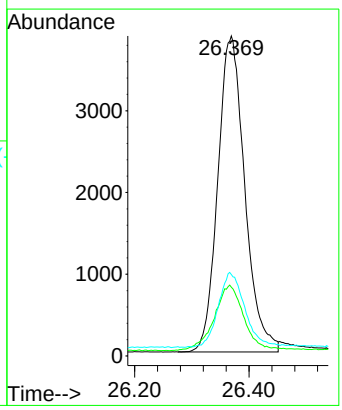


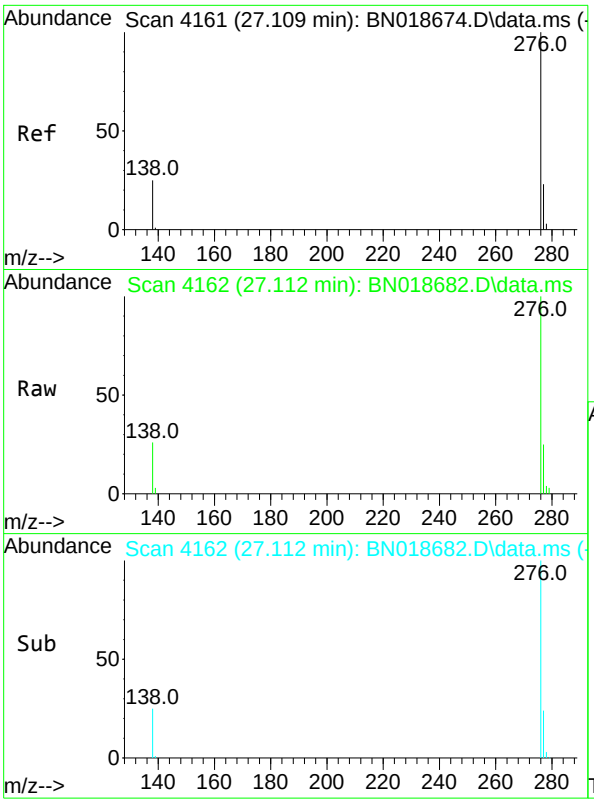


#40
Dibenzo(a,h)anthracene
Concen: 0.288 ng
RT: 26.369 min Scan# 3908
Delta R.T. 0.006 min
Lab File: BN018682.D
Acq: 22 Feb 2022 18:03

Tgt Ion:278 Resp: 12685

Ion	Ratio	Lower	Upper
278	100		
139	21.5	10.8	16.2#
279	25.4	19.0	28.4





#41
Benzo(g,h,i)perylene
Concen: 0.286 ng
RT: 27.112 min Scan# 4
Delta R.T. 0.003 min
Lab File: BN018682.D
Acq: 22 Feb 2022 18:03

Instrument :
BNA_N
ClientSampleId :
PB142777BS

Tgt Ion:276 Resp: 13820

Ion	Ratio	Lower	Upper
276	100		
277	25.0	19.0	28.6
138	26.3	12.6	19.0#