Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052622\
Data File : BN019987.D
Acq On : 27 May 2022 01:05
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Quant Time: May 27 03:08:20 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN051322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 18 07:42:52 2022
Response via : Initial Calibration

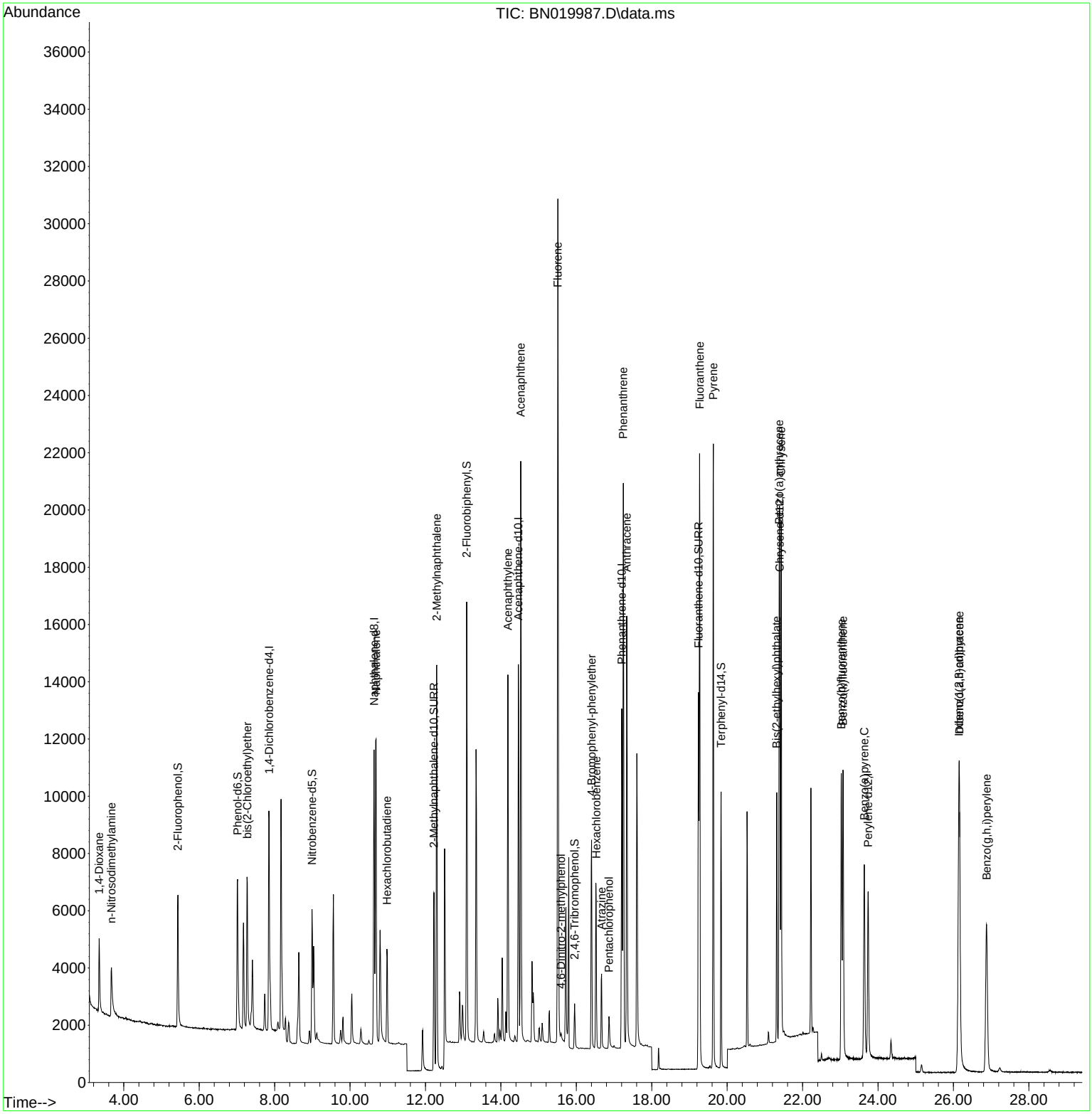
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.854	152	4108	0.400	ng		0.00
7) Naphthalene-d8	10.637	136	13922	0.400	ng		0.00
13) Acenaphthene-d10	14.463	164	8266	0.400	ng		0.00
19) Phenanthrene-d10	17.205	188	16273	0.400	ng	#	0.00
29) Chrysene-d12	21.395	240	10304	0.400	ng	#	0.00
35) Perylene-d12	23.738	264	8481	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.435	112	4293	0.418	ng		0.00
5) Phenol-d6	7.017	99	5373	0.417	ng		0.00
8) Nitrobenzene-d5	8.993	82	4069	0.387	ng		0.00
11) 2-Methylnaphthalene-d10	12.223	152	9144	0.377	ng		0.00
14) 2,4,6-Tribromophenol	15.954	330	910	0.279	ng		0.00
15) 2-Fluorobiphenyl	13.095	172	13516	0.375	ng		0.00
27) Fluoranthene-d10	19.240	212	15927	0.344	ng		0.00
31) Terphenyl-d14	19.839	244	11146	0.459	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.348	88	1642	0.337	ng		98
3) n-Nitrosodimethylamine	3.673	42	1851	0.347	ng		99
6) bis(2-Chloroethyl)ether	7.277	93	4524	0.361	ng		99
9) Naphthalene	10.690	128	15813	0.374	ng		100
10) Hexachlorobutadiene	10.979	225	2844	0.370	ng	#	98
12) 2-Methylnaphthalene	12.299	142	10770	0.374	ng		98
16) Acenaphthylene	14.185	152	14928	0.385	ng		99
17) Acenaphthene	14.527	154	10147	0.354	ng		96
18) Fluorene	15.511	166	12891	0.356	ng		100
20) 4,6-Dinitro-2-methylph...	15.596	198	196	0.084	ng	#	32
21) 4-Bromophenyl-phenylether	16.405	248	3911	0.393	ng	#	86
22) Hexachlorobenzene	16.528	284	4485	0.407	ng		100
23) Atrazine	16.672	200	2406	0.371	ng		96
24) Pentachlorophenol	16.866	266	700	0.165	ng		98
25) Phenanthrene	17.246	178	20689	0.367	ng		100
26) Anthracene	17.338	178	17127	0.359	ng		100
28) Fluoranthene	19.270	202	20319	0.336	ng		100
30) Pyrene	19.632	202	20046	0.459	ng		100
32) Benzo(a)anthracene	21.378	228	13697	0.365	ng		98
33) Chrysene	21.431	228	15694	0.373	ng		99
34) Bis(2-ethylhexyl)phtha...	21.315	149	7805	0.499	ng		99
36) Indeno(1,2,3-cd)pyrene	26.144	276	14335	0.361	ng		99
37) Benzo(b)fluoranthene	23.027	252	13330	0.360	ng		98
38) Benzo(k)fluoranthene	23.071	252	13776	0.351	ng		98
39) Benzo(a)pyrene	23.635	252	10809	0.371	ng	#	94
40) Dibenzo(a,h)anthracene	26.159	278	11429	0.357	ng		98
41) Benzo(g,h,i)perylene	26.878	276	11686	0.355	ng		99

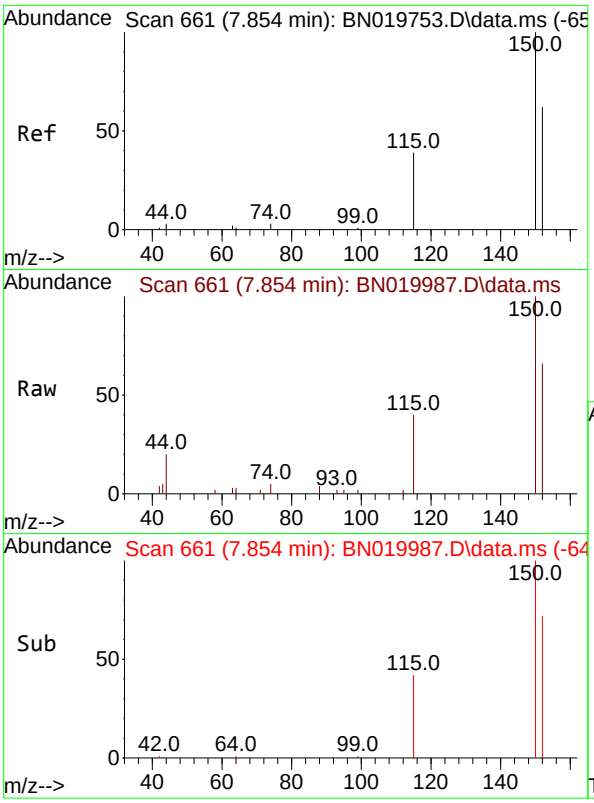
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052622\
Data File : BN019987.D
Acq On : 27 May 2022 01:05
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Quant Time: May 27 03:08:20 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN051322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 18 07:42:52 2022
Response via : Initial Calibration



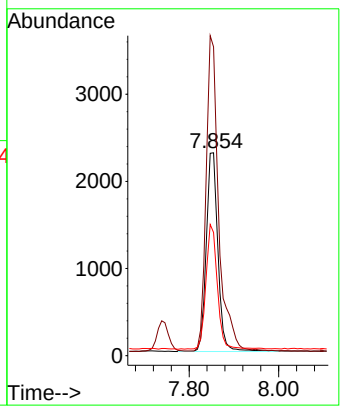


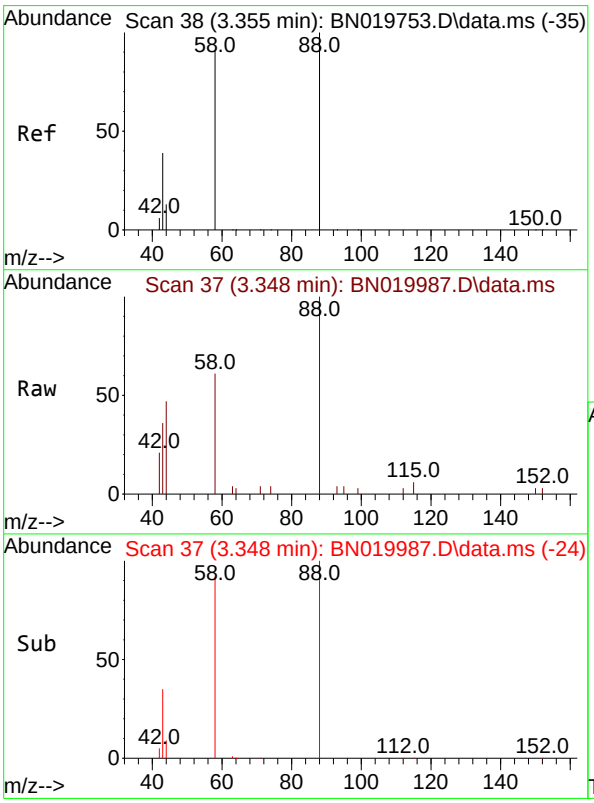
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.854 min Scan# 6
Delta R.T. 0.007 min
Lab File: BN019987.D
Acq: 27 May 2022 01:05

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:152 Resp: 4108

Ion	Ratio	Lower	Upper
152	100		
150	152.1	127.9	191.9
115	60.7	51.4	77.2

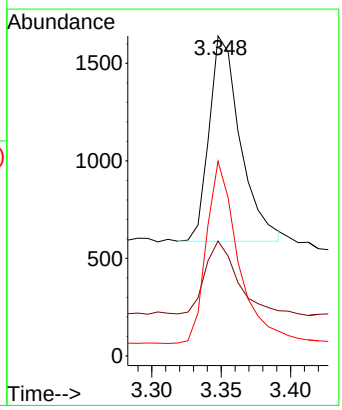


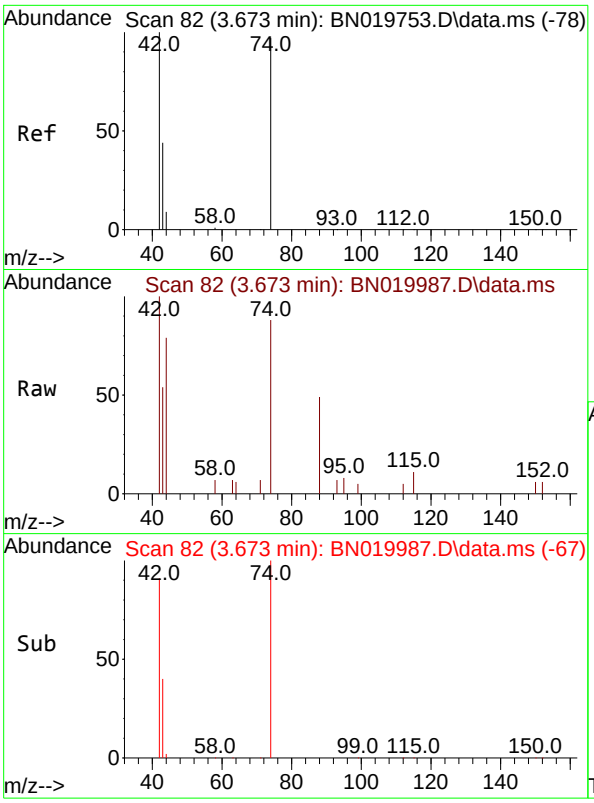


#2
1,4-Dioxane
Concen: 0.337 ng
RT: 3.348 min Scan# 37
Delta R.T. -0.007 min
Lab File: BN019987.D
Acq: 27 May 2022 01:05

Tgt Ion: 88 Resp: 1642

Ion	Ratio	Lower	Upper
88	100		
43	36.2	30.2	45.2
58	89.6	73.0	109.6



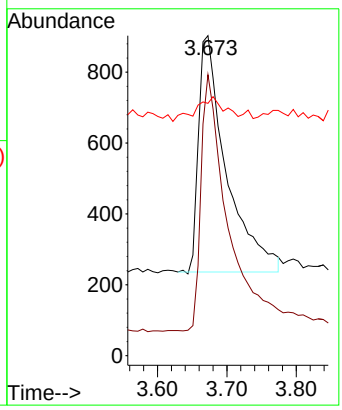


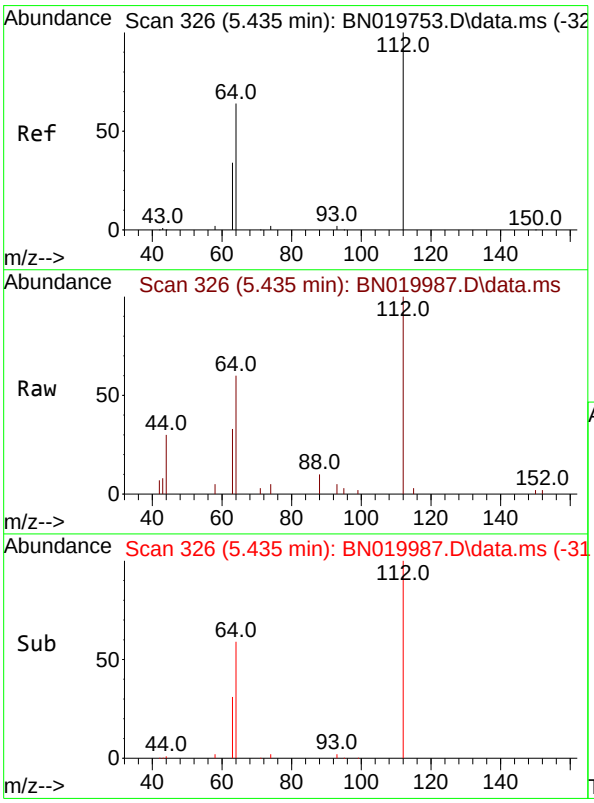
#3
n-Nitrosodimethylamine
Concen: 0.347 ng
RT: 3.673 min Scan# 8
Delta R.T. 0.007 min
Lab File: BN019987.D
Acq: 27 May 2022 01:05

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 42 Resp: 1851

Ion	Ratio	Lower	Upper
42	100		
74	105.5	84.0	126.0
44	10.7	9.8	14.8

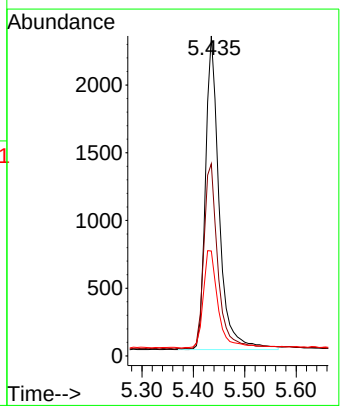


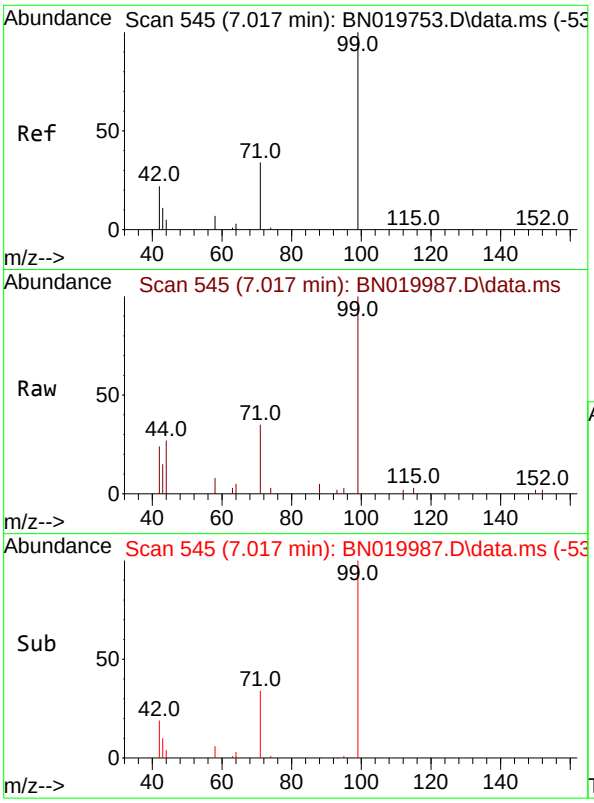


#4
2-Fluorophenol
Concen: 0.418 ng
RT: 5.435 min Scan# 326
Delta R.T. -0.000 min
Lab File: BN019987.D
Acq: 27 May 2022 01:05

Tgt Ion:112 Resp: 4293

Ion	Ratio	Lower	Upper
112	100		
64	61.1	49.1	73.7
63	33.8	26.3	39.5



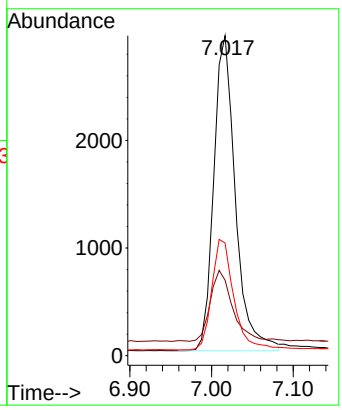


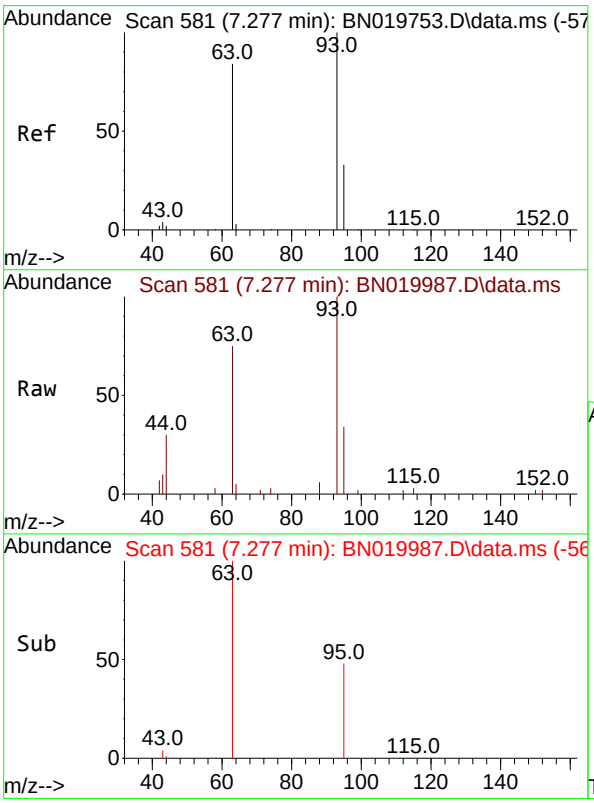
#5
Phenol-d6
Concen: 0.417 ng
RT: 7.017 min Scan# 54
Delta R.T. 0.007 min
Lab File: BN019987.D
Acq: 27 May 2022 01:05

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 99 Resp: 5373

Ion	Ratio	Lower	Upper
99	100		
42	23.8	19.3	28.9
71	36.2	27.5	41.3

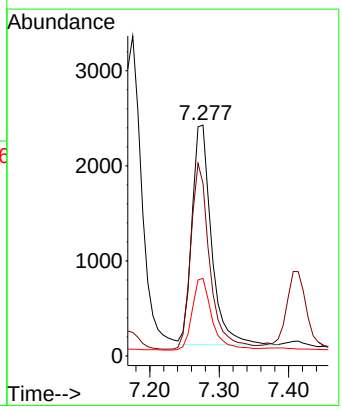


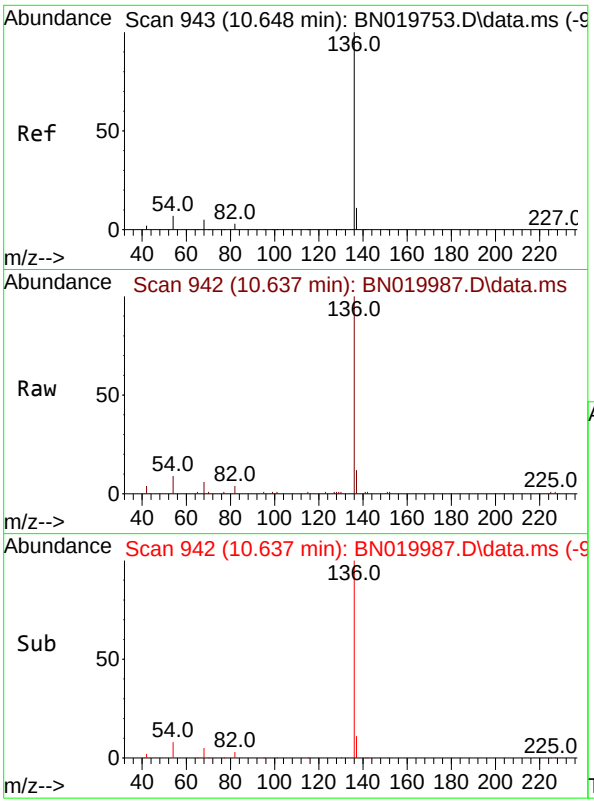


#6
bis(2-Chloroethyl)ether
Concen: 0.361 ng
RT: 7.277 min Scan# 581
Delta R.T. 0.007 min
Lab File: BN019987.D
Acq: 27 May 2022 01:05

Tgt Ion: 93 Resp: 4524

Ion	Ratio	Lower	Upper
93	100		
63	82.6	67.4	101.0
95	33.1	26.5	39.7



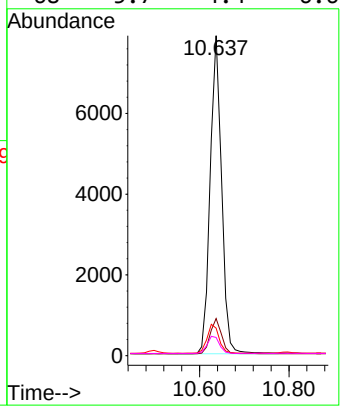


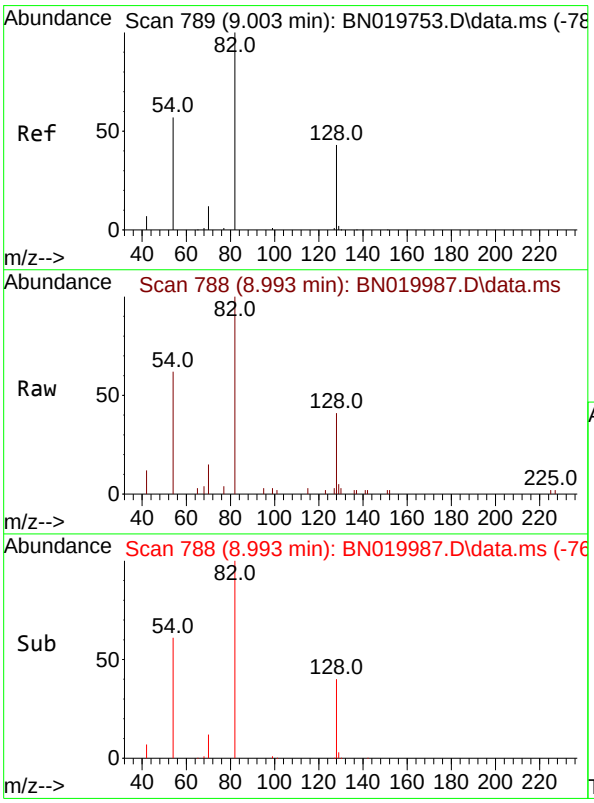
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.637 min Scan# 94
Delta R.T. -0.000 min
Lab File: BN019987.D
Acq: 27 May 2022 01:05

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:136 Resp: 13922

Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.0	13.6
54	8.6	6.2	9.2
68	5.7	4.4	6.6

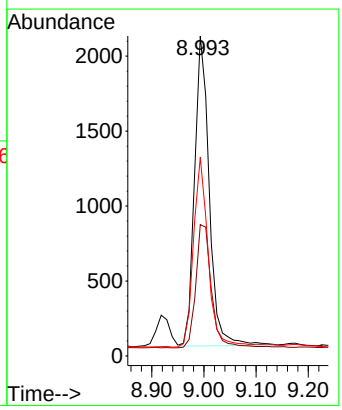


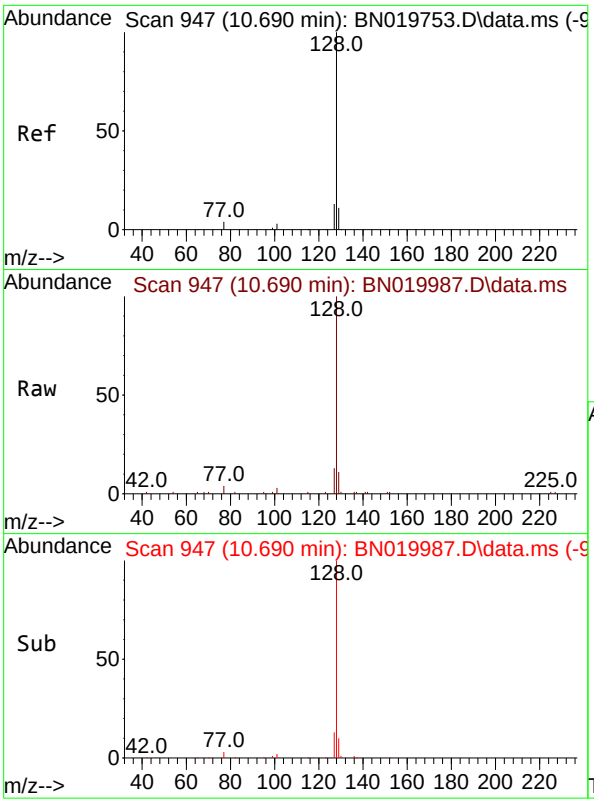


#8
Nitrobenzene-d5
Concen: 0.387 ng
RT: 8.993 min Scan# 788
Delta R.T. -0.000 min
Lab File: BN019987.D
Acq: 27 May 2022 01:05

Tgt Ion: 82 Resp: 4069

Ion	Ratio	Lower	Upper
82	100		
128	41.1	35.0	52.6
54	62.1	46.2	69.4



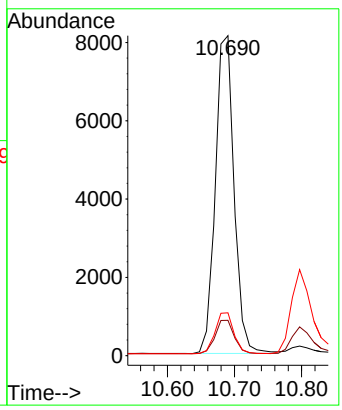


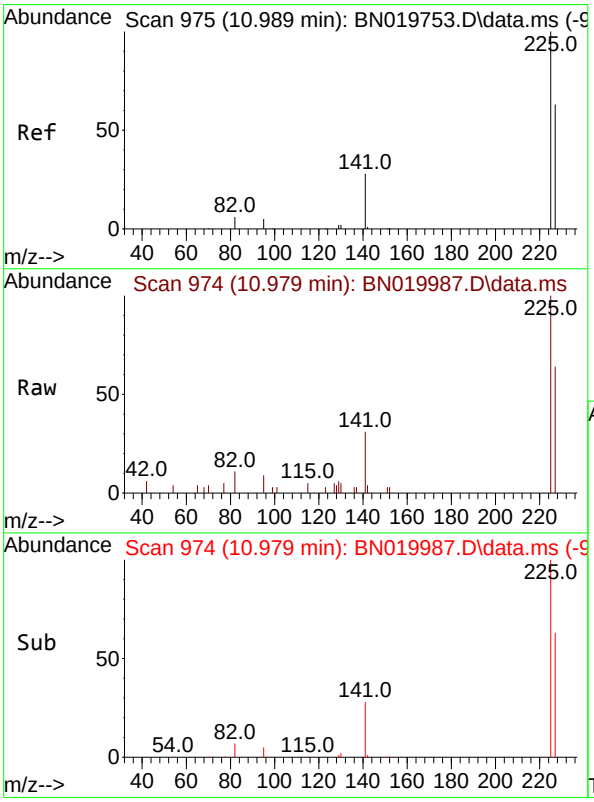
#9
Naphthalene
Concen: 0.374 ng
RT: 10.690 min Scan# 94
Delta R.T. -0.000 min
Lab File: BN019987.D
Acq: 27 May 2022 01:05

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:128 Resp: 15813

Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.9	13.3
127	13.4	10.8	16.2

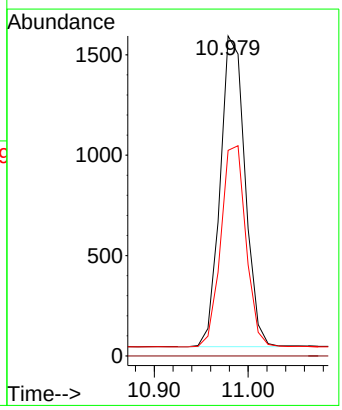


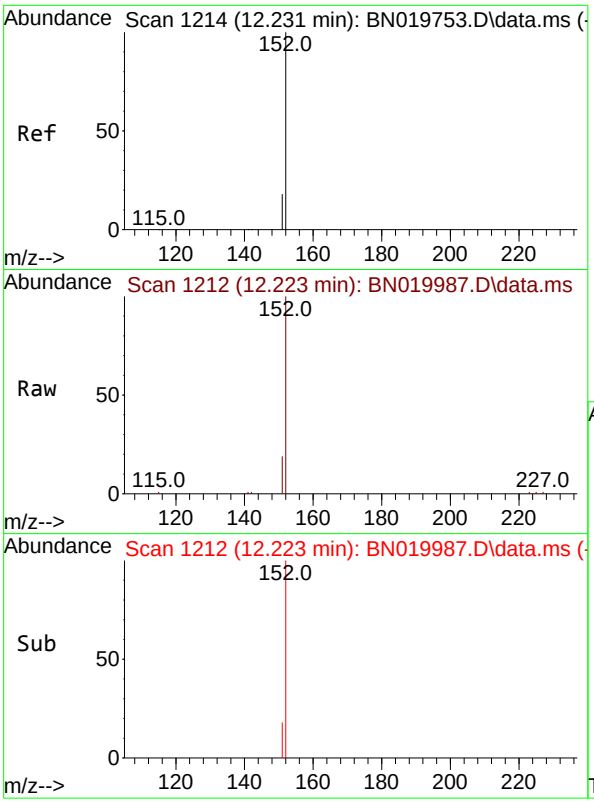


#10
Hexachlorobutadiene
Concen: 0.370 ng
RT: 10.979 min Scan# 974
Delta R.T. -0.011 min
Lab File: BN019987.D
Acq: 27 May 2022 01:05

Tgt Ion:225 Resp: 2844

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	65.5	50.9	76.3



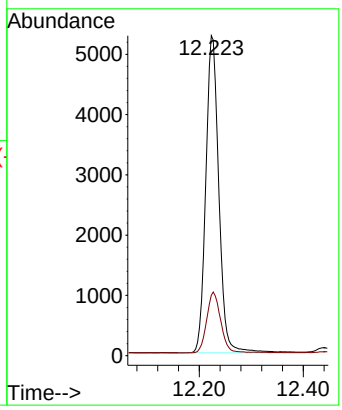


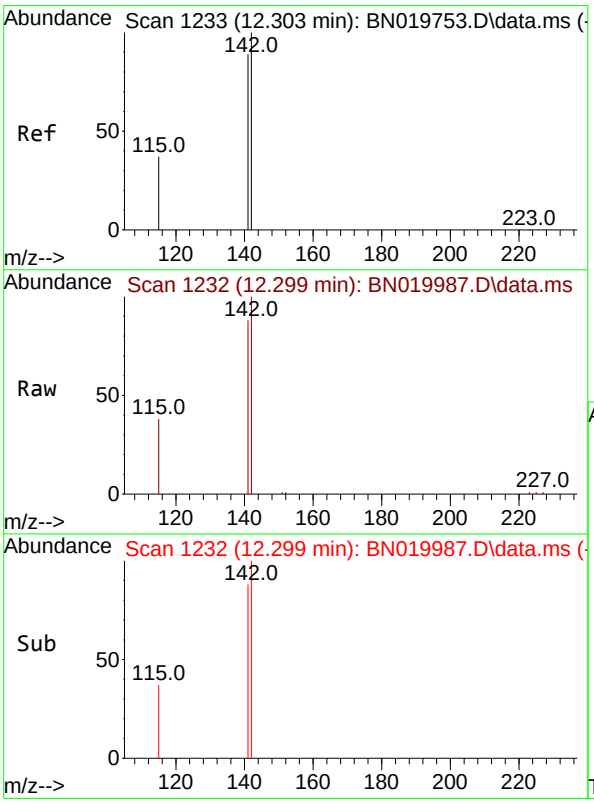
#11
2-Methylnaphthalene-d10
Concen: 0.377 ng
RT: 12.223 min Scan# 1
Delta R.T. -0.004 min
Lab File: BN019987.D
Acq: 27 May 2022 01:05

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:152 Resp: 9144

Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.2	24.4

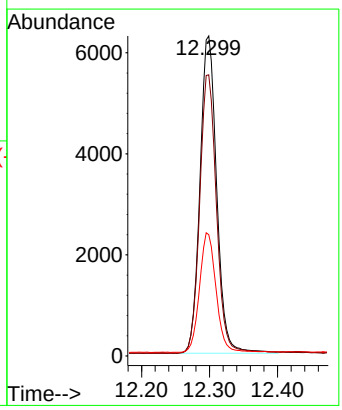


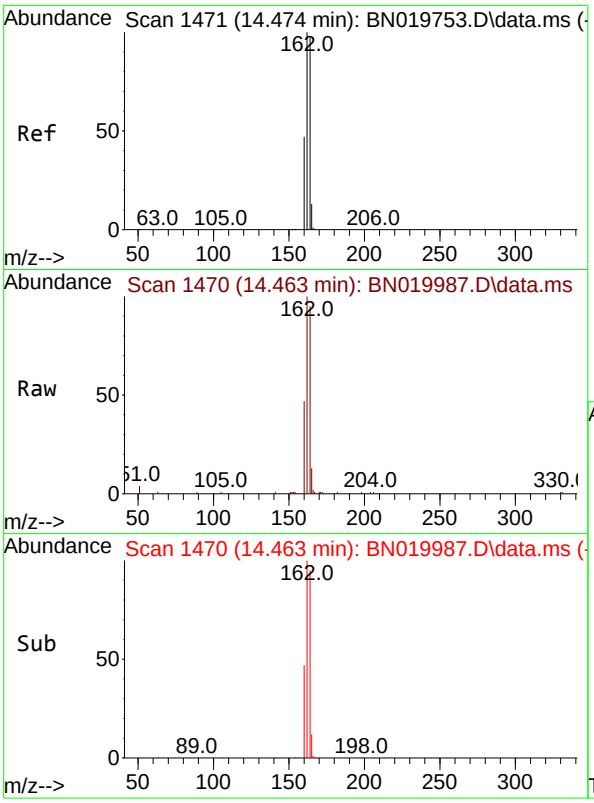


#12
2-Methylnaphthalene
Concen: 0.374 ng
RT: 12.299 min Scan# 1232
Delta R.T. -0.000 min
Lab File: BN019987.D
Acq: 27 May 2022 01:05

Tgt Ion:142 Resp: 10770

Ion	Ratio	Lower	Upper
142	100		
141	87.9	71.6	107.4
115	37.9	29.8	44.8



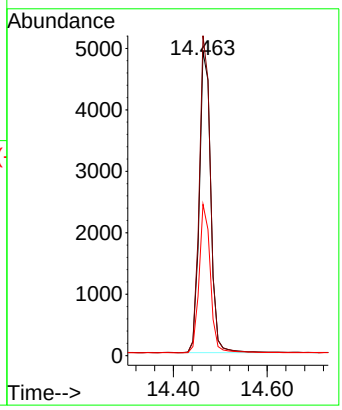


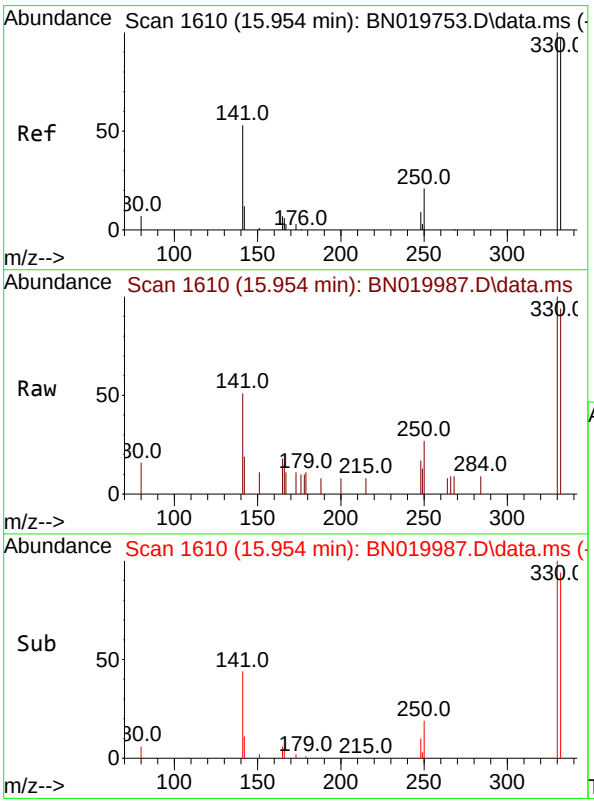
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.463 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN019987.D
Acq: 27 May 2022 01:05

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:164 Resp: 8266

Ion	Ratio	Lower	Upper
164	100		
162	105.2	82.1	123.1
160	49.8	38.6	58.0

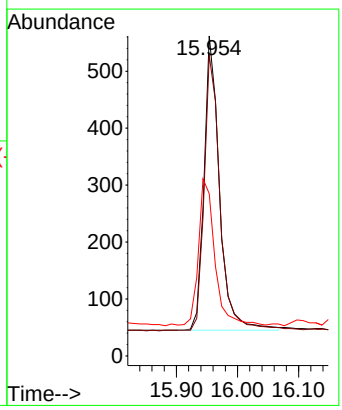


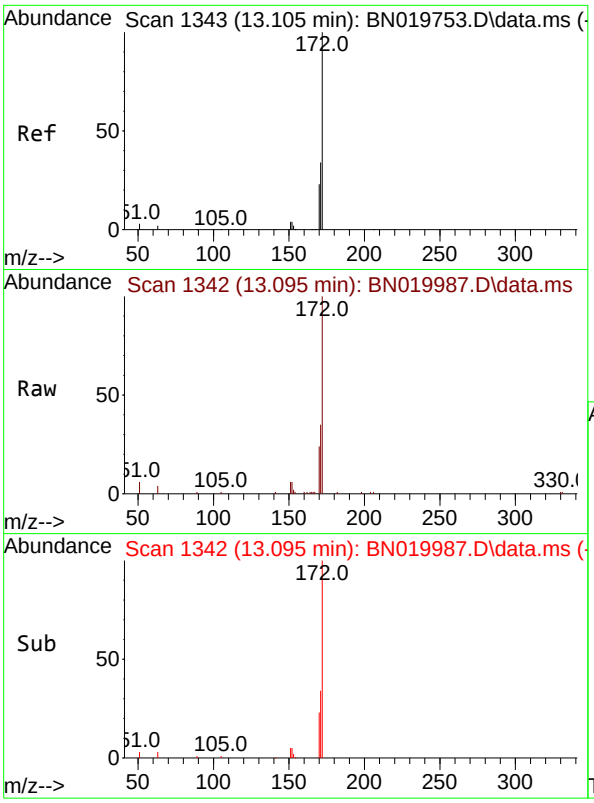


#14
2,4,6-Tribromophenol
Concen: 0.279 ng
RT: 15.954 min Scan# 1610
Delta R.T. -0.000 min
Lab File: BN019987.D
Acq: 27 May 2022 01:05

Tgt Ion:330 Resp: 910

Ion	Ratio	Lower	Upper
330	100		
332	95.3	77.6	116.4
141	53.2	41.0	61.4



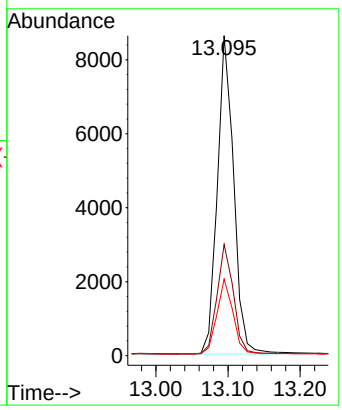


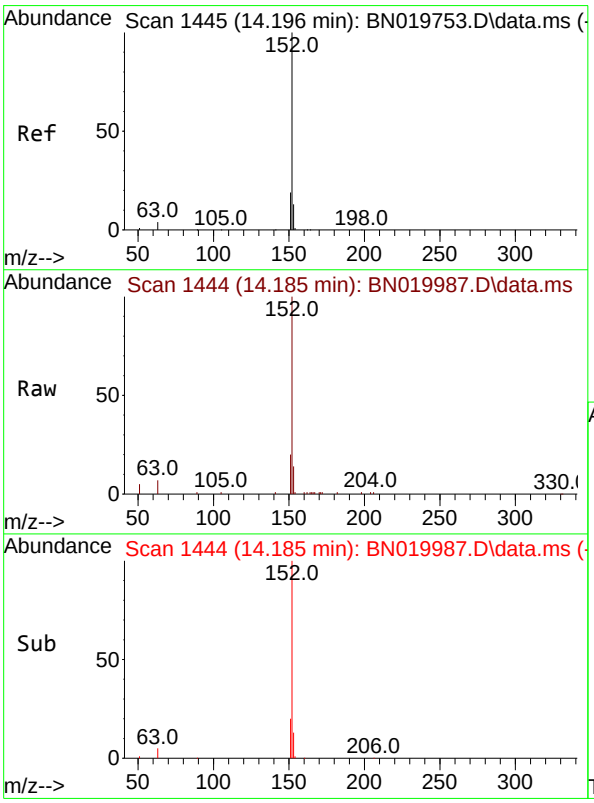
#15
2-Fluorobiphenyl
Concen: 0.375 ng
RT: 13.095 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN019987.D
Acq: 27 May 2022 01:05

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:172 Resp: 13516

Ion	Ratio	Lower	Upper
172	100		
171	34.8	27.2	40.8
170	23.9	18.2	27.4

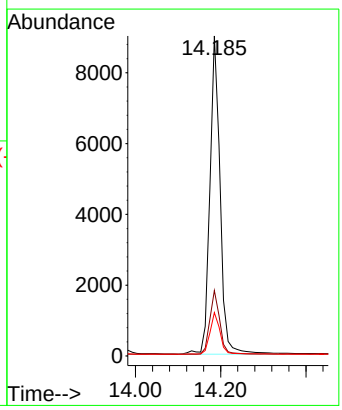


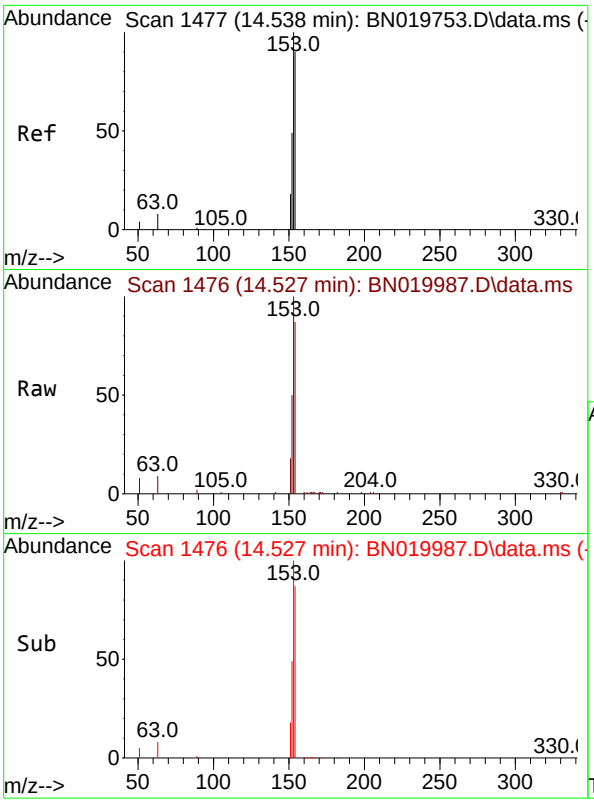


#16
Acenaphthylene
Concen: 0.385 ng
RT: 14.185 min Scan# 1444
Delta R.T. -0.000 min
Lab File: BN019987.D
Acq: 27 May 2022 01:05

Tgt Ion:152 Resp: 14928

Ion	Ratio	Lower	Upper
152	100		
151	19.5	16.2	24.4
153	13.1	10.7	16.1



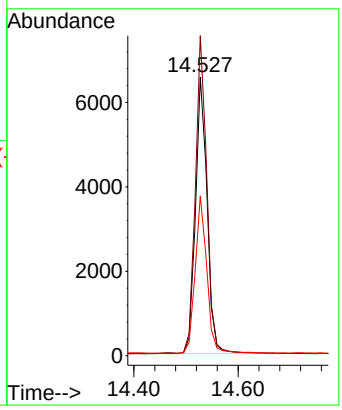


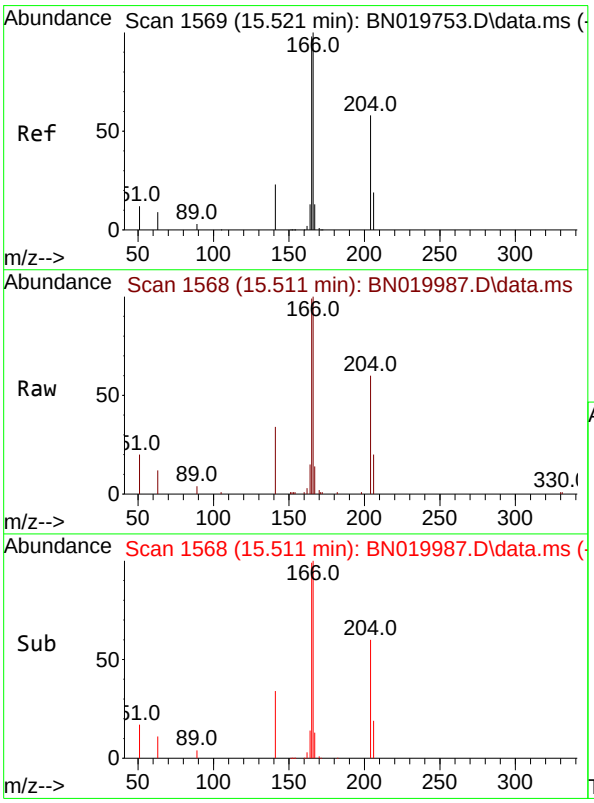
#17
Acenaphthene
Concen: 0.354 ng
RT: 14.527 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN019987.D
Acq: 27 May 2022 01:05

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:154 Resp: 10147

Ion	Ratio	Lower	Upper
154	100		
153	114.2	87.5	131.3
152	57.3	43.8	65.6

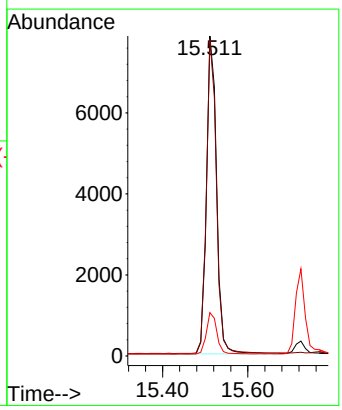


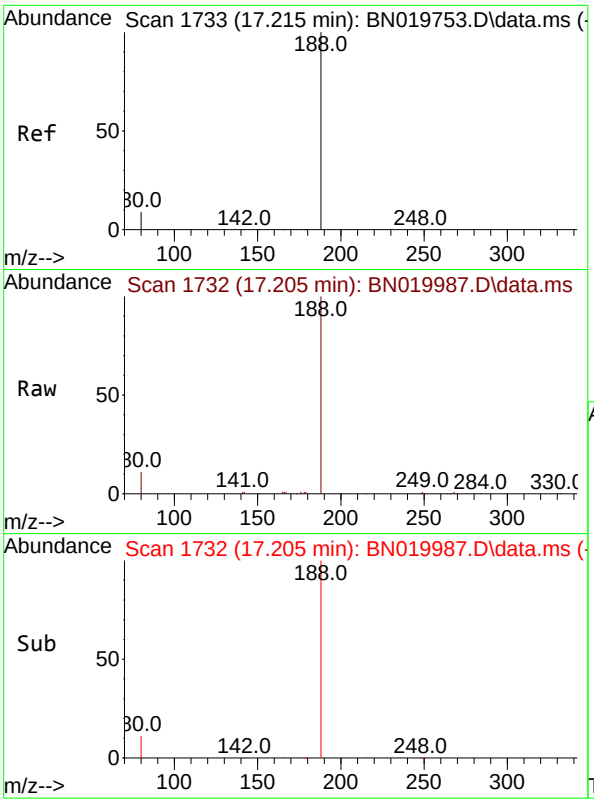


#18
Fluorene
Concen: 0.356 ng
RT: 15.511 min Scan# 1568
Delta R.T. -0.000 min
Lab File: BN019987.D
Acq: 27 May 2022 01:05

Tgt Ion:166 Resp: 12891

Ion	Ratio	Lower	Upper
166	100		
165	97.8	78.6	118.0
167	13.5	10.8	16.2





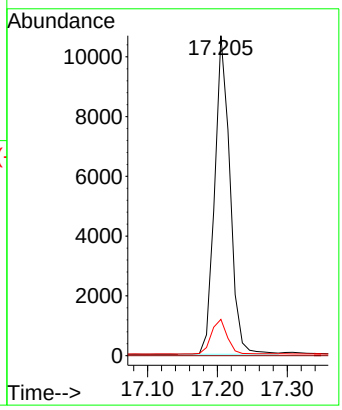
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.205 min Scan# 1

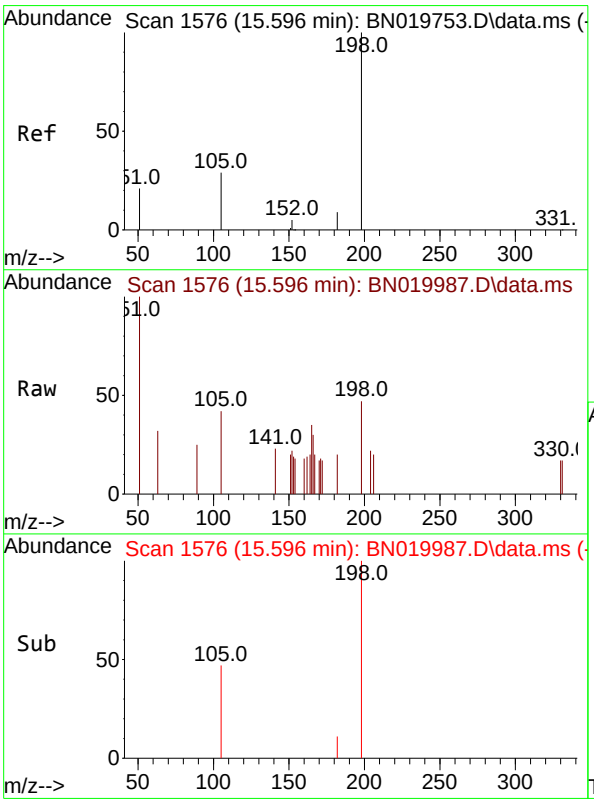
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Delta R.T. -0.000 min
Lab File: BN019987.D
Acq: 27 May 2022 01:05

Tgt Ion:188 Resp: 16273

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	11.3	7.4	11.2#

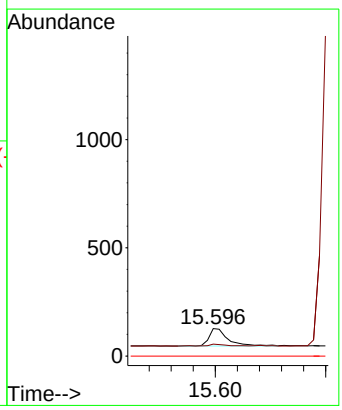


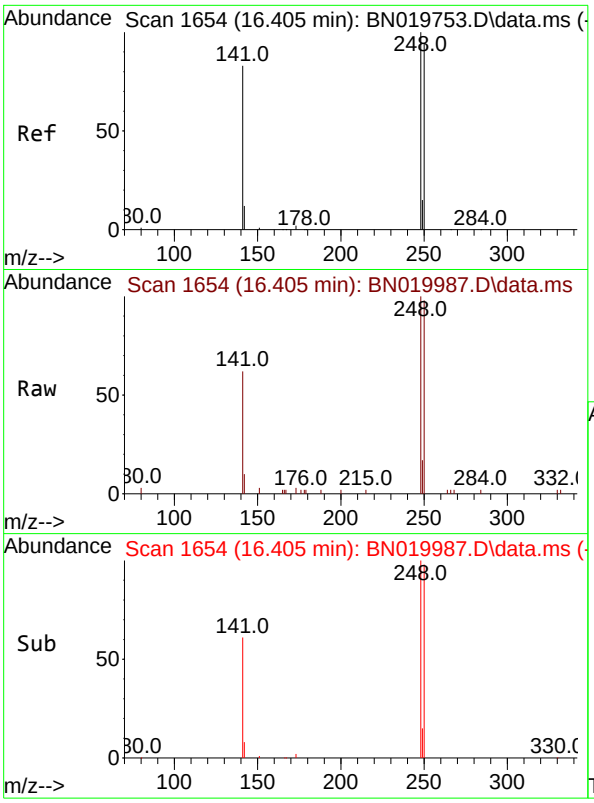


#20
4,6-Dinitro-2-methylphenol
Concen: 0.084 ng
RT: 15.596 min Scan# 1576
Delta R.T. -0.000 min
Lab File: BN019987.D
Acq: 27 May 2022 01:05

Tgt Ion:198 Resp: 196

Ion	Ratio	Lower	Upper
198	100		
182	43.3	12.1	18.1#
77	0.0	0.0	0.0



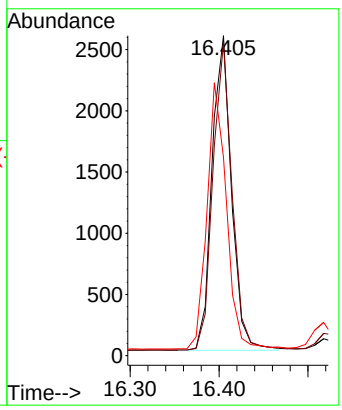


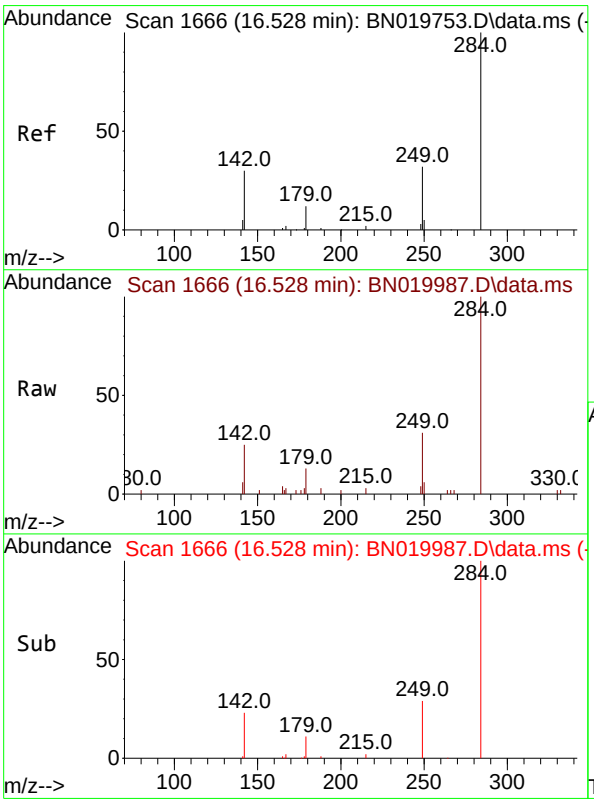
#21
4-Bromophenyl-phenylether
Concen: 0.393 ng
RT: 16.405 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN019987.D
Acq: 27 May 2022 01:05

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:248 Resp: 3911

Ion	Ratio	Lower	Upper
248	100		
250	97.9	75.3	112.9
141	61.9	67.3	100.9#

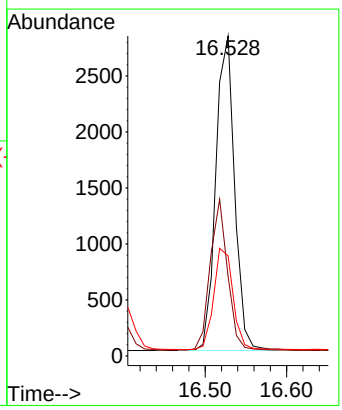


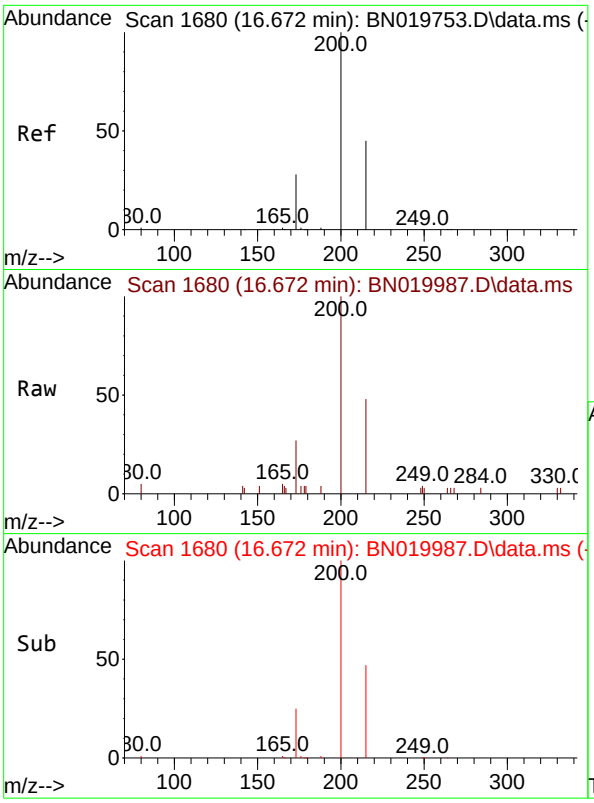


#22
Hexachlorobenzene
Concen: 0.407 ng
RT: 16.528 min Scan# 1666
Delta R.T. -0.000 min
Lab File: BN019987.D
Acq: 27 May 2022 01:05

Tgt Ion:284 Resp: 4485

Ion	Ratio	Lower	Upper
284	100		
142	44.3	35.2	52.8
249	33.0	26.6	40.0



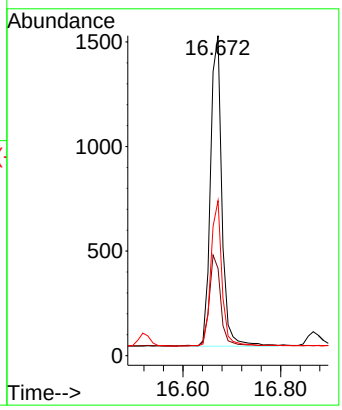


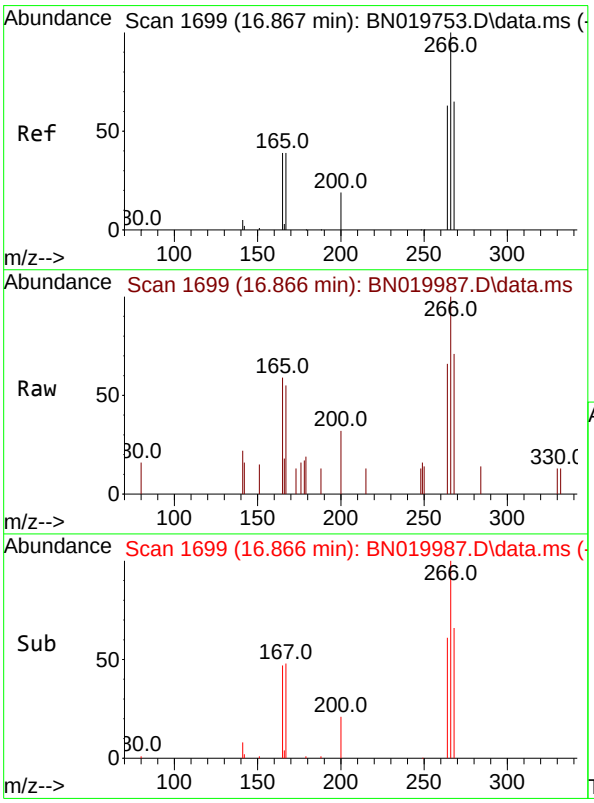
#23
Atrazine
Concen: 0.371 ng
RT: 16.672 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN019987.D
Acq: 27 May 2022 01:05

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:200 Resp: 2406

Ion	Ratio	Lower	Upper
200	100		
173	27.3	23.6	35.4
215	48.4	36.6	54.8

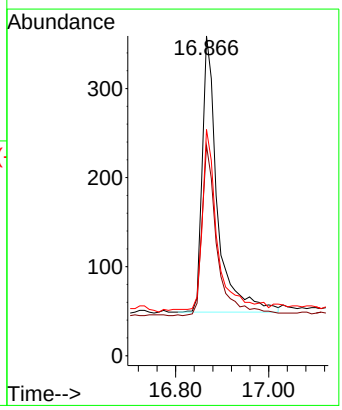


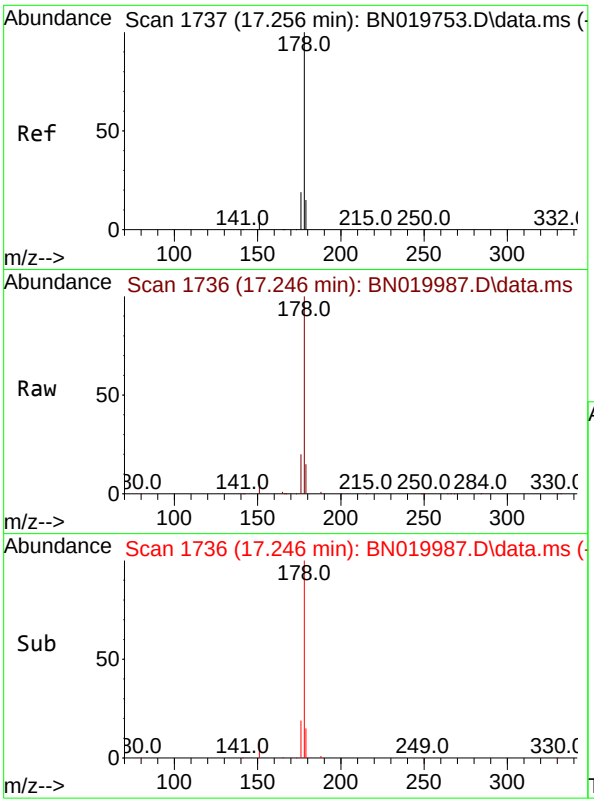


#24
Pentachlorophenol
Concen: 0.165 ng
RT: 16.866 min Scan# 1699
Delta R.T. -0.000 min
Lab File: BN019987.D
Acq: 27 May 2022 01:05

Tgt Ion:266 Resp: 700

Ion	Ratio	Lower	Upper
266	100		
264	62.3	51.3	76.9
268	64.6	52.6	79.0



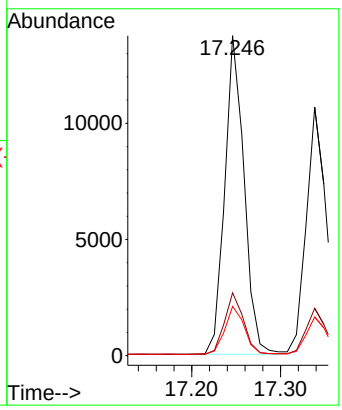


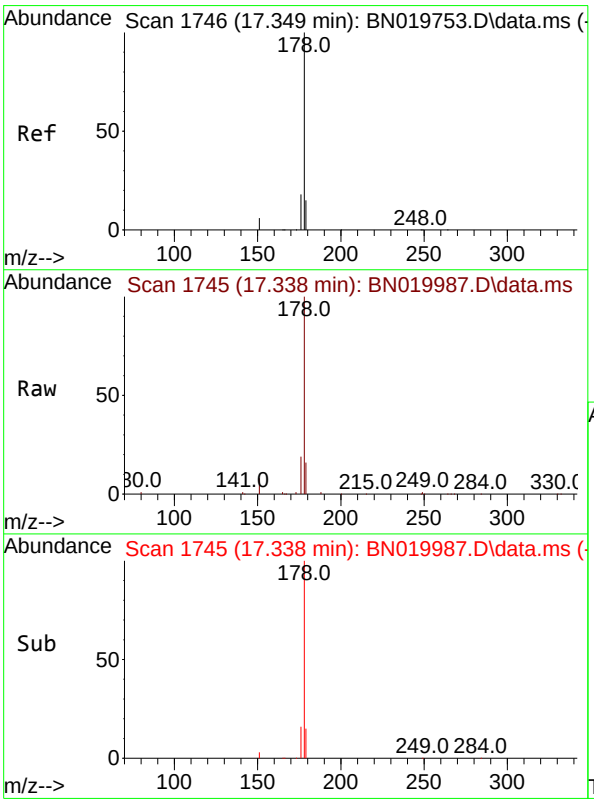
#25
Phenanthrene
Concen: 0.367 ng
RT: 17.246 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN019987.D
Acq: 27 May 2022 01:05

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:178 Resp: 20689

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.3	22.9
179	15.5	12.2	18.4

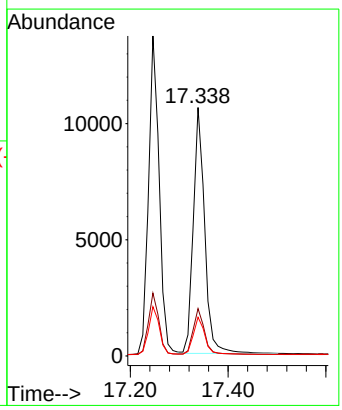


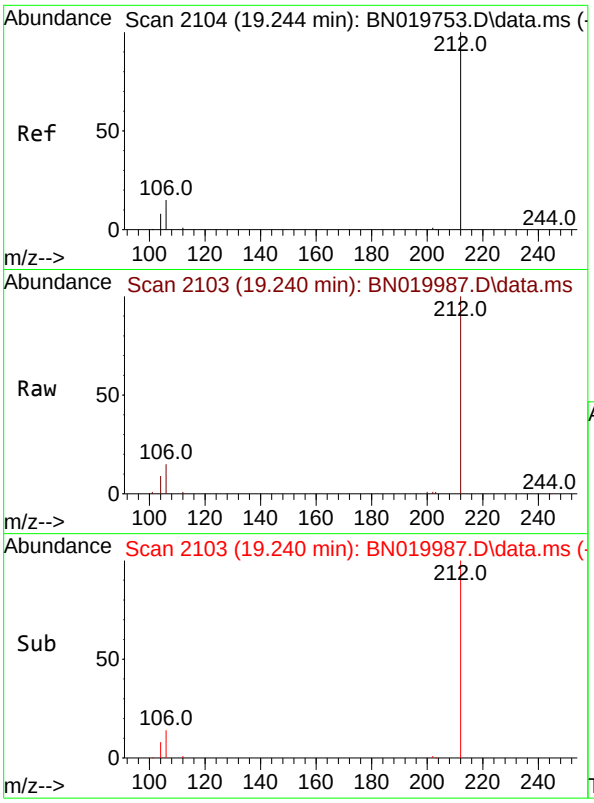


#26
Anthracene
Concen: 0.359 ng
RT: 17.338 min Scan# 1745
Delta R.T. -0.000 min
Lab File: BN019987.D
Acq: 27 May 2022 01:05

Tgt Ion:178 Resp: 17127

Ion	Ratio	Lower	Upper
178	100		
176	18.3	14.9	22.3
179	15.2	12.2	18.4



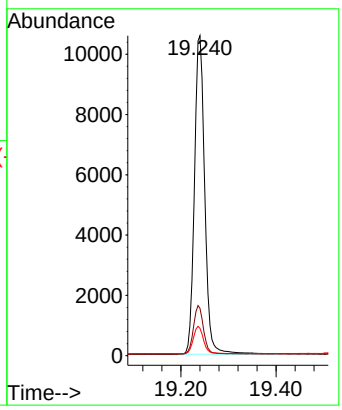


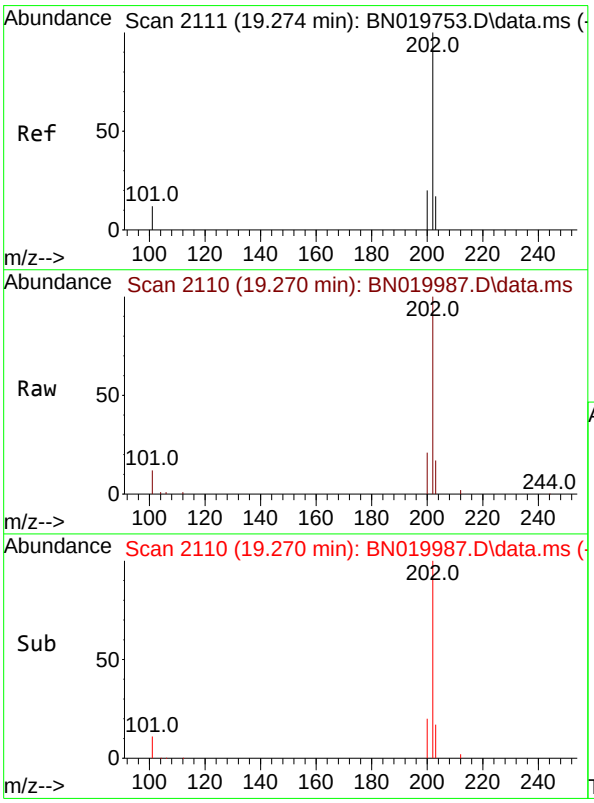
#27
Fluoranthene-d10
Concen: 0.344 ng
RT: 19.240 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN019987.D
Acq: 27 May 2022 01:05

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:212 Resp: 15927

Ion	Ratio	Lower	Upper
212	100		
106	14.8	12.6	19.0
104	8.6	7.2	10.8

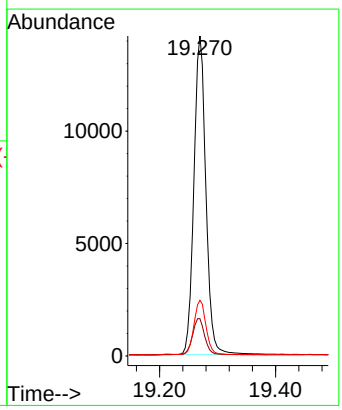


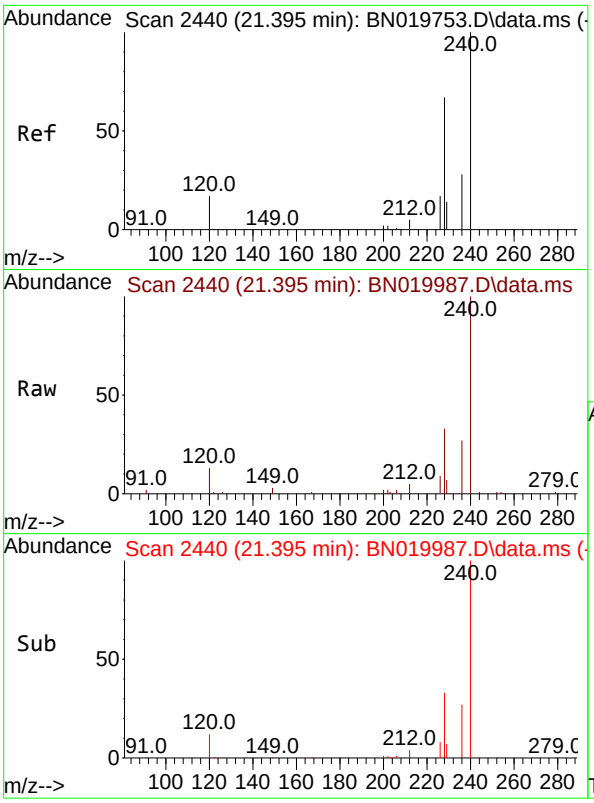


#28
Fluoranthene
Concen: 0.336 ng
RT: 19.270 min Scan# 2110
Delta R.T. -0.000 min
Lab File: BN019987.D
Acq: 27 May 2022 01:05

Tgt Ion:202 Resp: 20319

Ion	Ratio	Lower	Upper
202	100		
101	11.8	9.6	14.4
203	17.1	13.5	20.3



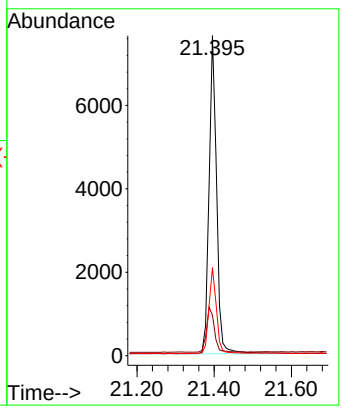


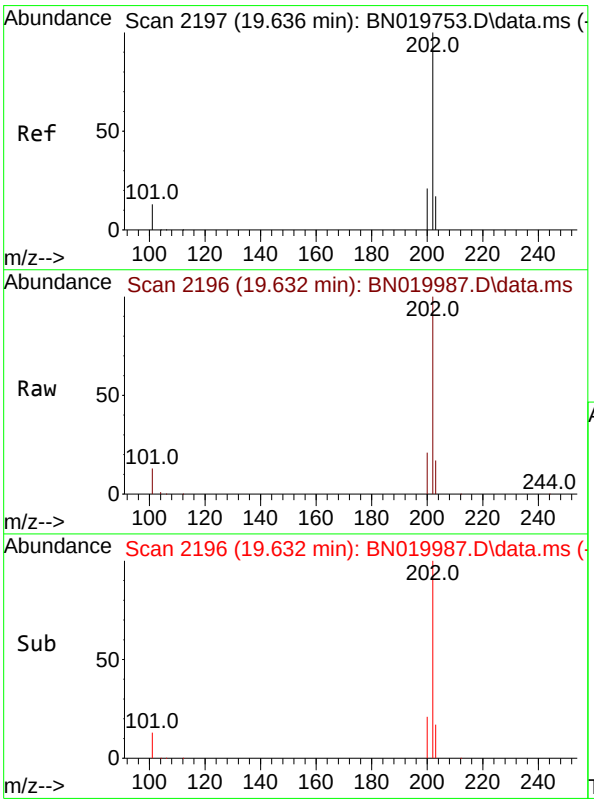
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.395 min Scan# 24
Delta R.T. -0.009 min
Lab File: BN019987.D
Acq: 27 May 2022 01:05

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:240 Resp: 10304

Ion	Ratio	Lower	Upper
240	100		
120	12.7	14.6	21.8#
236	27.5	22.6	33.8

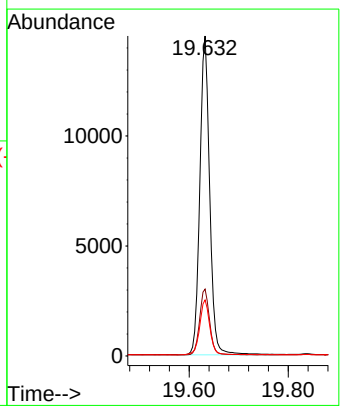


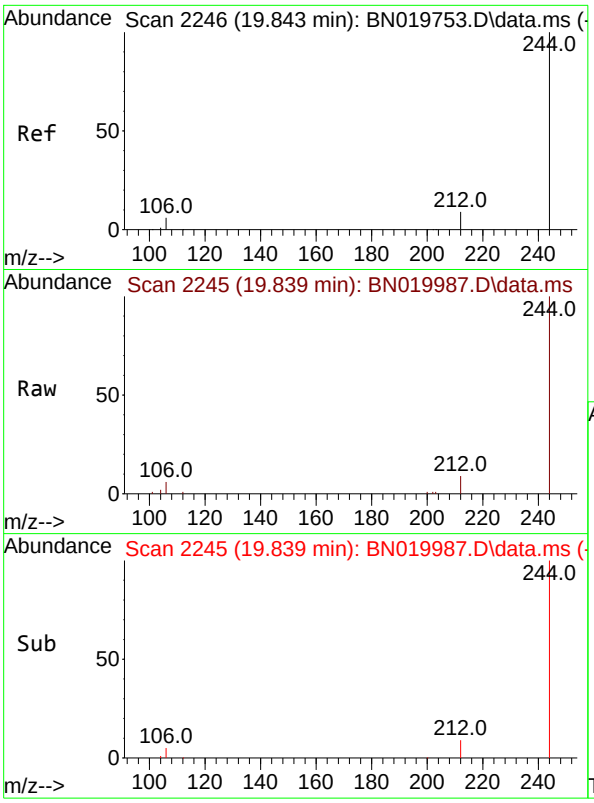


#30
Pyrene
Concen: 0.459 ng
RT: 19.632 min Scan# 2196
Delta R.T. -0.000 min
Lab File: BN019987.D
Acq: 27 May 2022 01:05

Tgt Ion:202 Resp: 20046

Ion	Ratio	Lower	Upper
202	100		
200	20.9	16.6	25.0
203	17.6	14.2	21.2



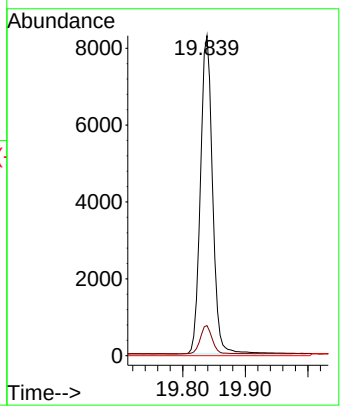


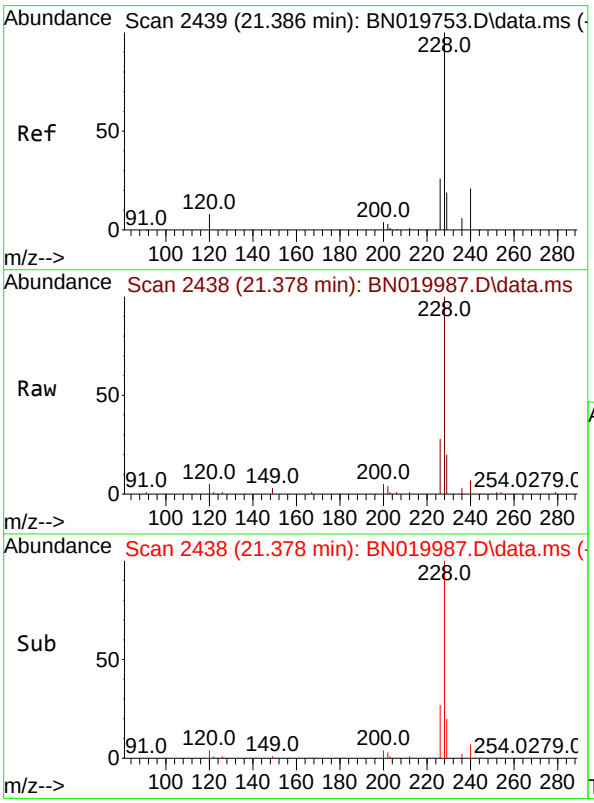
#31
Terphenyl-d14
Concen: 0.459 ng
RT: 19.839 min Scan# 2
Delta R.T. -0.004 min
Lab File: BN019987.D
Acq: 27 May 2022 01:05

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:244 Resp: 11146

Ion	Ratio	Lower	Upper
244	100		
212	9.4	7.1	10.7
122	0.0	0.0	0.0

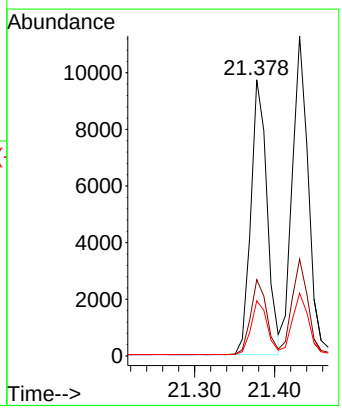


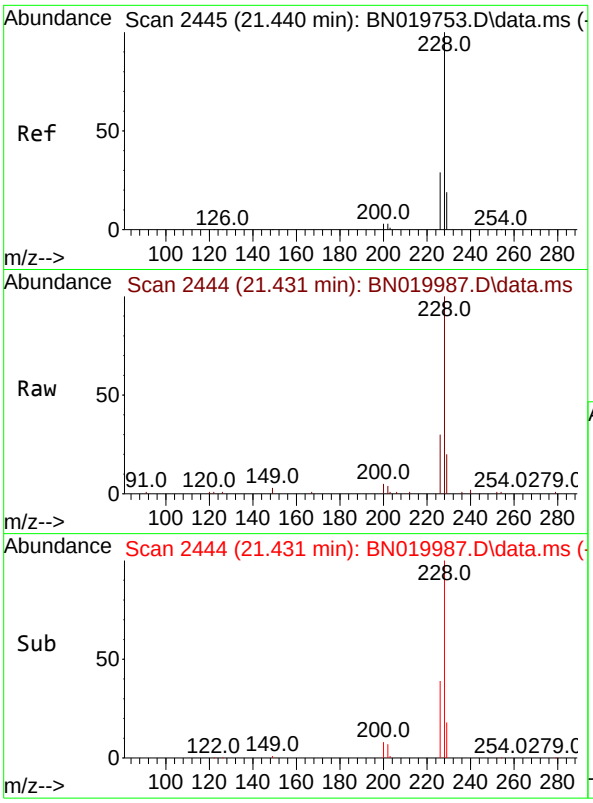


#32
Benzo(a)anthracene
Concen: 0.365 ng
RT: 21.378 min Scan# 2438
Delta R.T. -0.009 min
Lab File: BN019987.D
Acq: 27 May 2022 01:05

Tgt Ion:228 Resp: 13697

Ion	Ratio	Lower	Upper
228	100		
226	27.6	21.2	31.8
229	20.0	15.6	23.4



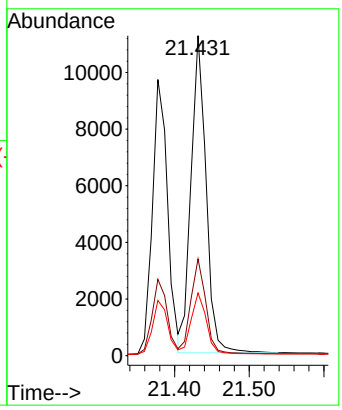


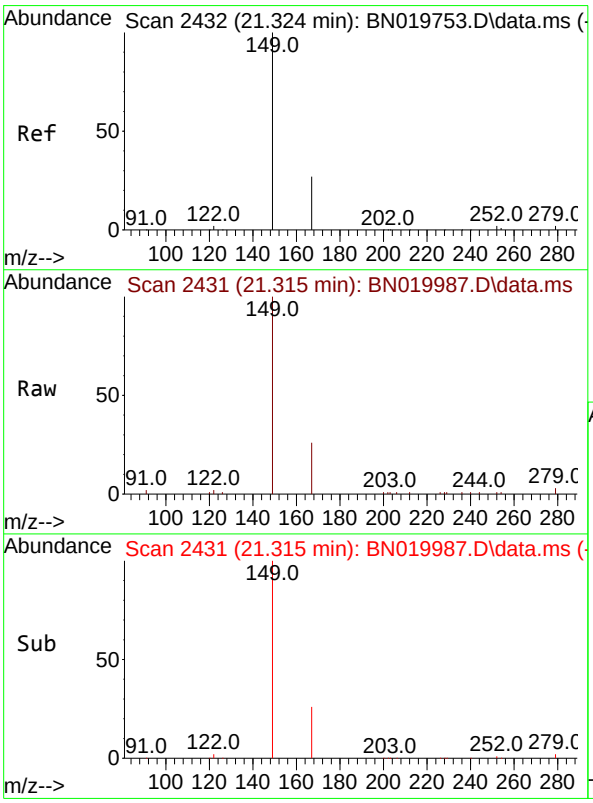
#33
Chrysene
Concen: 0.373 ng
RT: 21.431 min Scan# 24
Delta R.T. -0.009 min
Lab File: BN019987.D
Acq: 27 May 2022 01:05

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:228 Resp: 15694

Ion	Ratio	Lower	Upper
228	100		
226	30.3	23.4	35.0
229	19.6	15.7	23.5

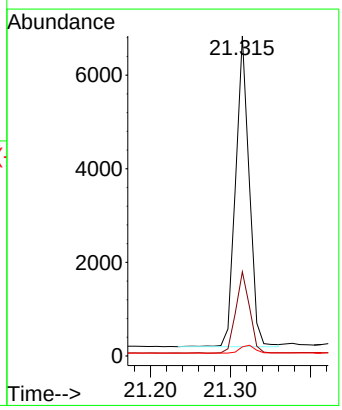


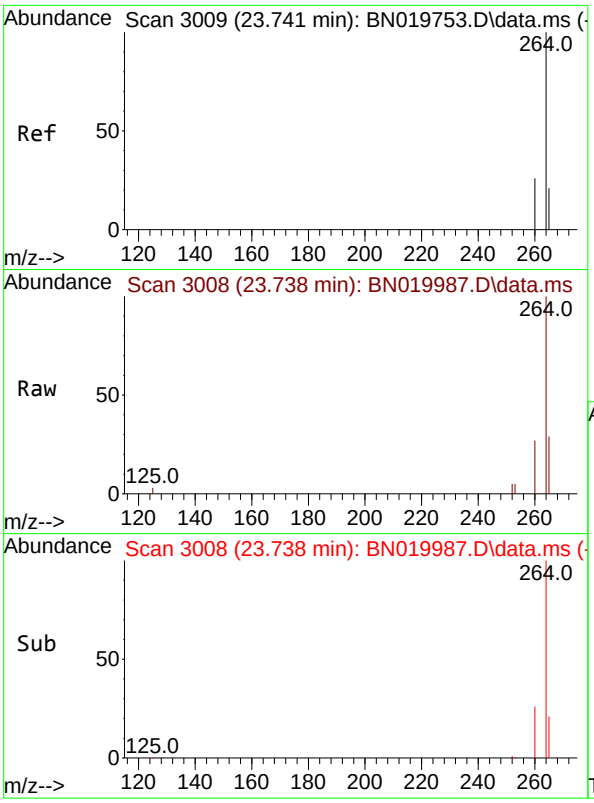


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.499 ng
RT: 21.315 min Scan# 2431
Delta R.T. -0.009 min
Lab File: BN019987.D
Acq: 27 May 2022 01:05

Tgt Ion:149 Resp: 7805

Ion	Ratio	Lower	Upper
149	100		
167	26.4	21.7	32.5
279	3.0	2.2	3.2



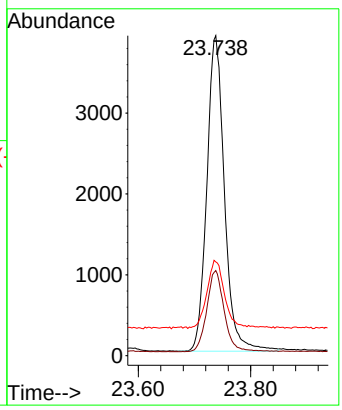


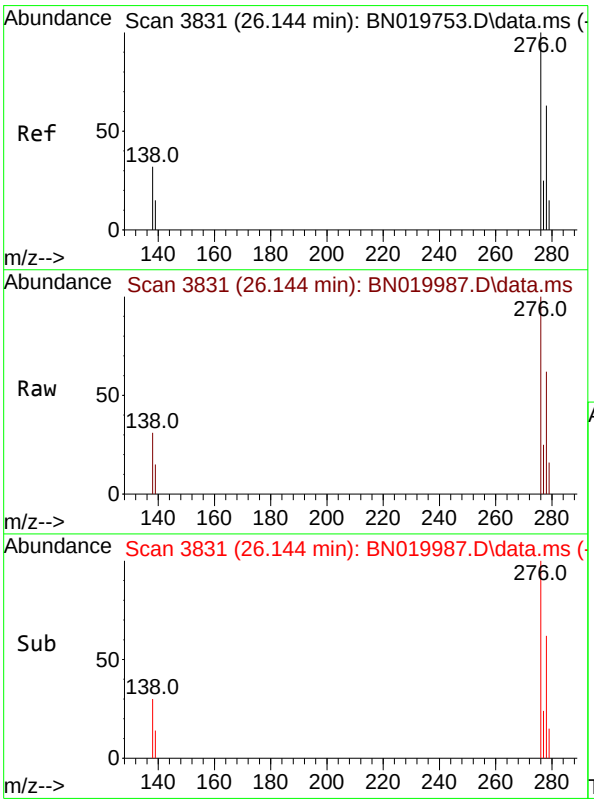
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.738 min Scan# 3
Delta R.T. -0.003 min
Lab File: BN019987.D
Acq: 27 May 2022 01:05

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:264 Resp: 8481

Ion	Ratio	Lower	Upper
264	100		
260	26.6	20.9	31.3
265	29.3	28.0	42.0

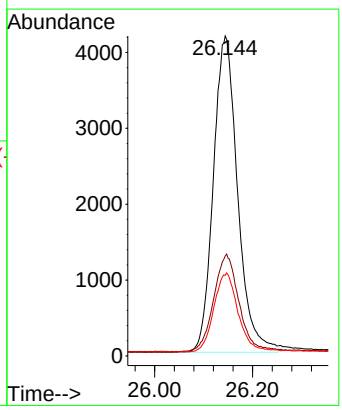


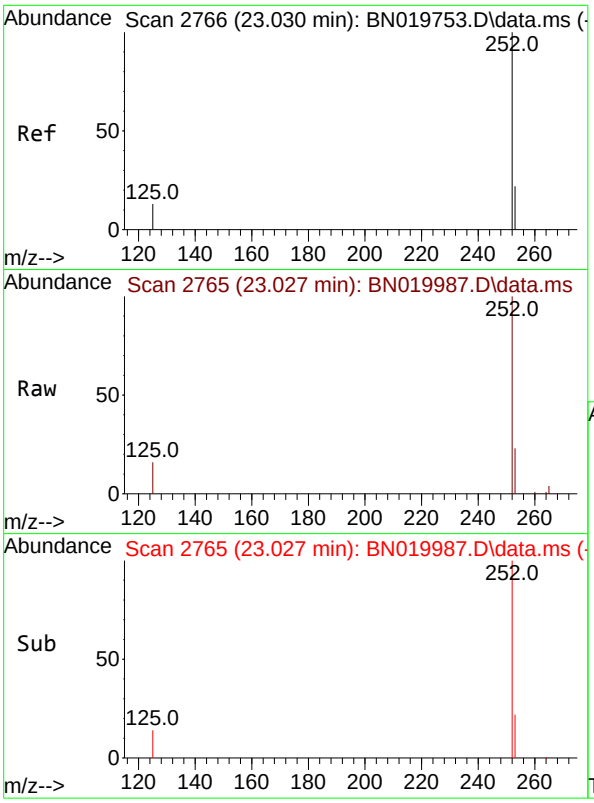


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.361 ng
RT: 26.144 min Scan# 3831
Delta R.T. -0.000 min
Lab File: BN019987.D
Acq: 27 May 2022 01:05

Tgt Ion:276 Resp: 14335

Ion	Ratio	Lower	Upper
276	100		
138	32.0	25.9	38.9
277	25.1	19.8	29.8



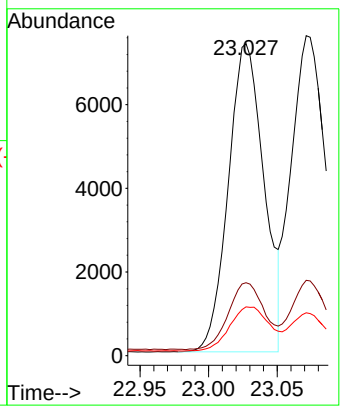


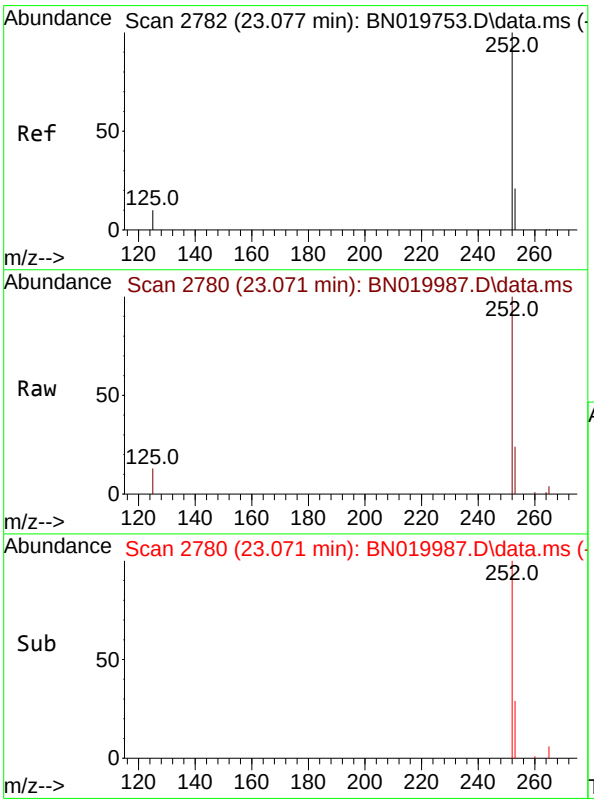
#37
Benzo(b)fluoranthene
Concen: 0.360 ng
RT: 23.027 min Scan# 2
Delta R.T. -0.003 min
Lab File: BN019987.D
Acq: 27 May 2022 01:05

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:252 Resp: 13330

Ion	Ratio	Lower	Upper
252	100		
253	23.4	18.5	27.7
125	15.7	11.4	17.0

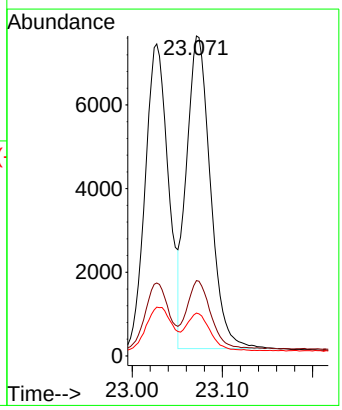


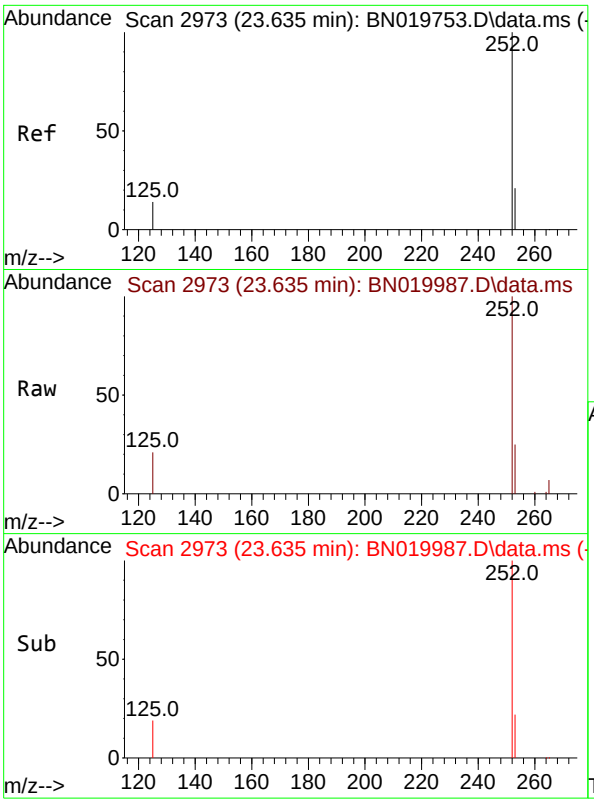


#38
Benzo(k)fluoranthene
Concen: 0.351 ng
RT: 23.071 min Scan# 2780
Delta R.T. -0.006 min
Lab File: BN019987.D
Acq: 27 May 2022 01:05

Tgt Ion:252 Resp: 13776

Ion	Ratio	Lower	Upper
252	100		
253	23.5	18.0	27.0
125	13.4	11.0	16.4



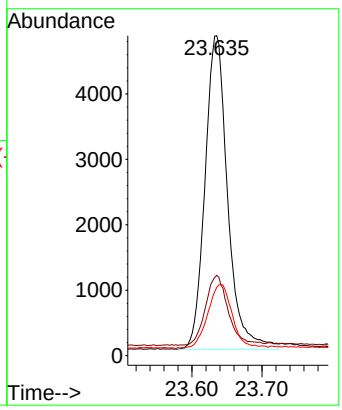


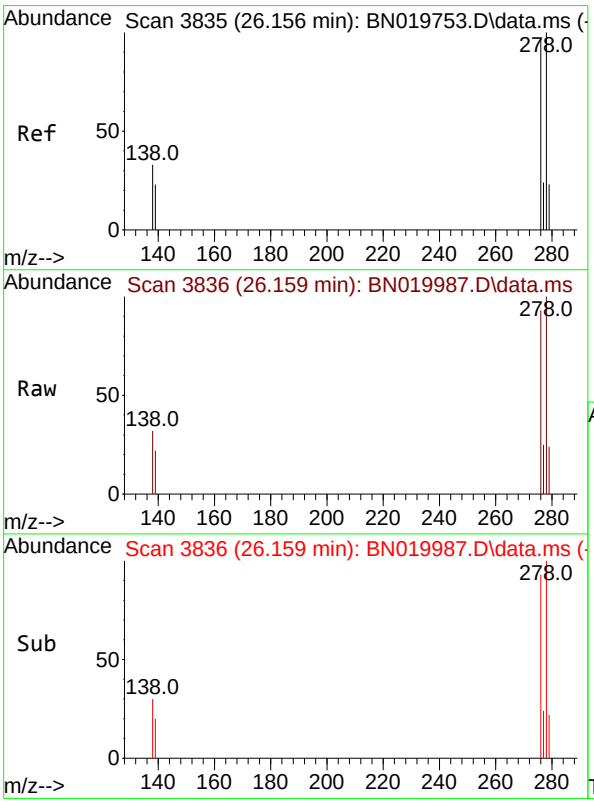
#39
Benzo(a)pyrene
Concen: 0.371 ng
RT: 23.635 min Scan# 2
Delta R.T. -0.003 min
Lab File: BN019987.D
Acq: 27 May 2022 01:05

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:252 Resp: 10809

Ion	Ratio	Lower	Upper
252	100		
253	25.1	19.0	28.4
125	21.3	13.8	20.8#

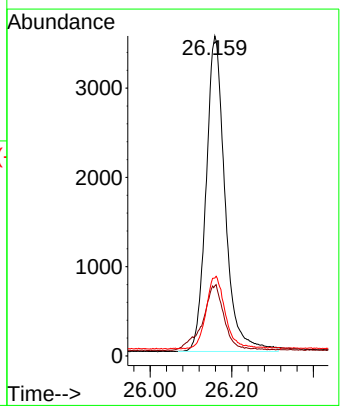


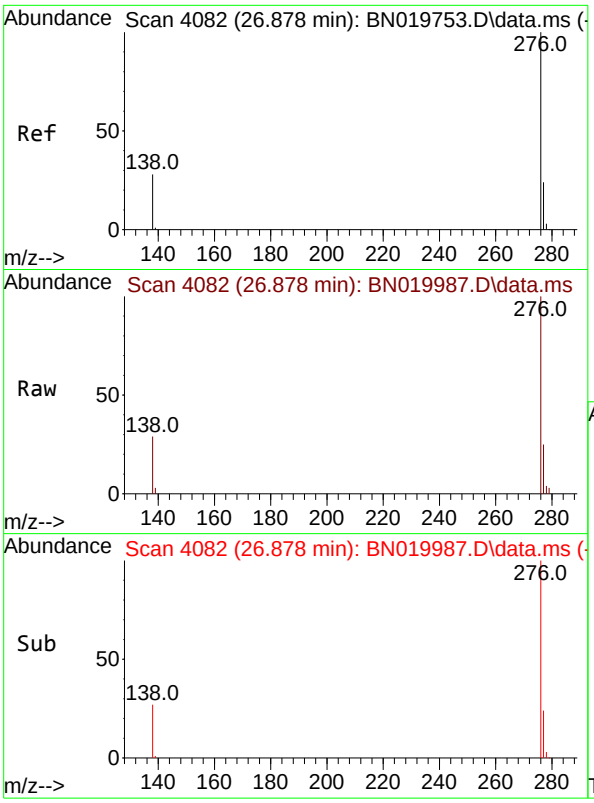


#40
Dibenzo(a,h)anthracene
Concen: 0.357 ng
RT: 26.159 min Scan# 3836
Delta R.T. -0.003 min
Lab File: BN019987.D
Acq: 27 May 2022 01:05

Tgt Ion:278 Resp: 11429

Ion	Ratio	Lower	Upper
278	100		
139	21.9	18.6	28.0
279	24.4	19.7	29.5





#41
Benzo(g,h,i)perylene
Concen: 0.355 ng
RT: 26.878 min Scan# 4
Delta R.T. -0.000 min
Lab File: BN019987.D
Acq: 27 May 2022 01:05

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:276 Resp: 11686

Ion	Ratio	Lower	Upper
276	100		
277	24.8	19.5	29.3
138	28.6	22.6	34.0