Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052622\
Data File : BN019986.D
Acq On : 27 May 2022 00:29
Operator : CG/JU
Sample : PB145066BSD
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB145066BSD

Quant Time: May 27 03:08:14 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	4734	0.400	ng		0.00
7) Naphthalene-d8	10.637	136	16014	0.400	ng		0.00
13) Acenaphthene-d10	14.463	164	9499	0.400	ng		0.00
19) Phenanthrene-d10	17.205	188	18658	0.400	ng		0.00
29) Chrysene-d12	21.396	240	11601	0.400	ng		# 0.00
35) Perylene-d12	23.738	264	10102	0.400	ng		# 0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.435	112	5005	0.423	ng		0.00
5) Phenol-d6	7.017	99	6335	0.427	ng		0.00
8) Nitrobenzene-d5	8.993	82	4666	0.386	ng		0.00
11) 2-Methylnaphthalene-d10	12.223	152	10504	0.377	ng		0.00
14) 2,4,6-Tribromophenol	15.954	330	1018	0.271	ng		0.00
15) 2-Fluorobiphenyl	13.095	172	15365	0.370	ng		0.00
27) Fluoranthene-d10	19.240	212	17512	0.330	ng		0.00
31) Terphenyl-d14	19.839	244	12412	0.454	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.355	88	1972	0.351	ng		97
3) n-Nitrosodimethylamine	3.673	42	2240	0.364	ng		98
6) bis(2-Chloroethyl)ether	7.269	93	5275	0.365	ng		99
9) Naphthalene	10.680	128	18170	0.374	ng		100
10) Hexachlorobutadiene	10.979	225	3331	0.377	ng	#	99
12) 2-Methylnaphthalene	12.299	142	12411	0.375	ng		99
16) Acenaphthylene	14.185	152	17179	0.386	ng		99
17) Acenaphthene	14.527	154	11581	0.351	ng		96
18) Fluorene	15.511	166	14694	0.353	ng		100
20) 4,6-Dinitro-2-methylph...	15.596	198	226	0.084	ng	#	50
21) 4-Bromophenyl-phenylether	16.405	248	4475	0.393	ng	#	85
22) Hexachlorobenzene	16.528	284	5091	0.403	ng		100
23) Atrazine	16.672	200	2748	0.370	ng		96
24) Pentachlorophenol	16.867	266	833	0.171	ng		96
25) Phenanthrene	17.246	178	23577	0.365	ng		100
26) Anthracene	17.338	178	19622	0.359	ng		100
28) Fluoranthene	19.270	202	22627	0.327	ng		99
30) Pyrene	19.632	202	22105	0.449	ng		100
32) Benzo(a)anthracene	21.378	228	15667	0.371	ng		97
33) Chrysene	21.431	228	18022	0.380	ng		98
34) Bis(2-ethylhexyl)phtha...	21.315	149	8608	0.489	ng		100
36) Indeno(1,2,3-cd)pyrene	26.141	276	17344	0.367	ng		99
37) Benzo(b)fluoranthene	23.027	252	15620	0.354	ng		98
38) Benzo(k)fluoranthene	23.074	252	16497	0.352	ng		99
39) Benzo(a)pyrene	23.636	252	12954	0.373	ng	#	93
40) Dibenzo(a,h)anthracene	26.159	278	13728	0.360	ng		98
41) Benzo(g,h,i)perylene	26.881	276	13939	0.355	ng		99

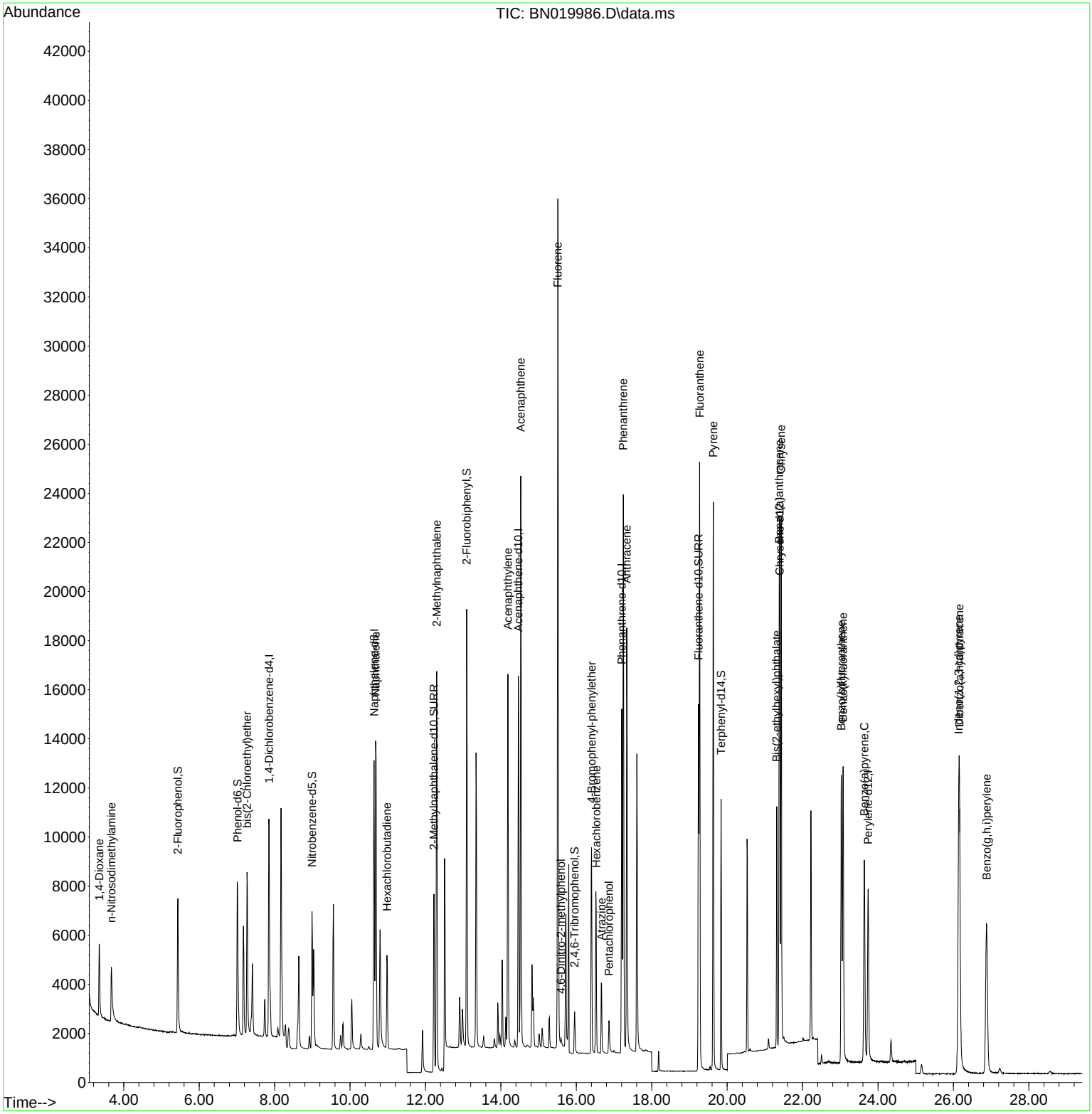
(#) = qualifier out of range (m) = manual integration (+) = signals summed

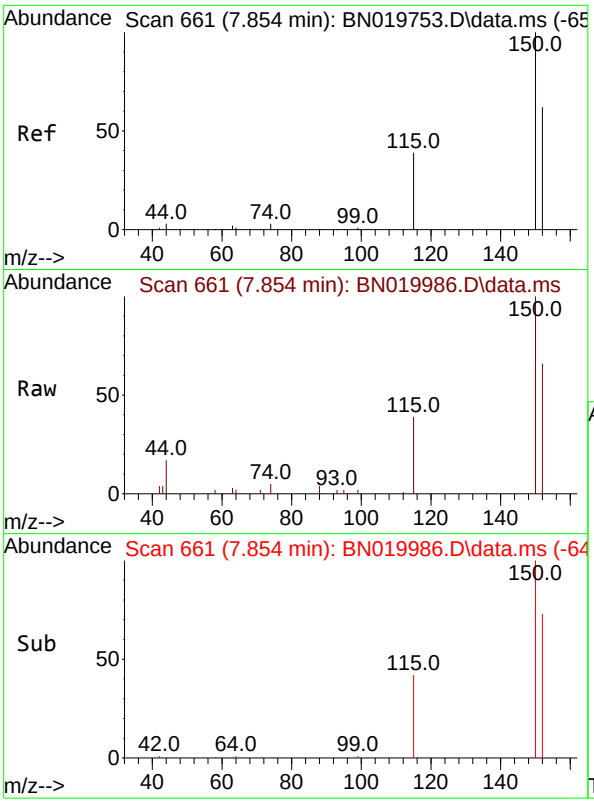
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052622\
Data File : BN019986.D
Acq On : 27 May 2022 00:29
Operator : CG/JU
Sample : PB145066BSD
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB145066BSD

Quant Time: May 27 03:08:14 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



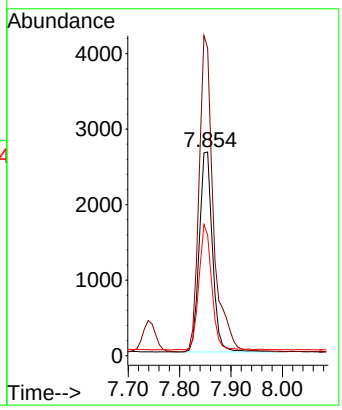


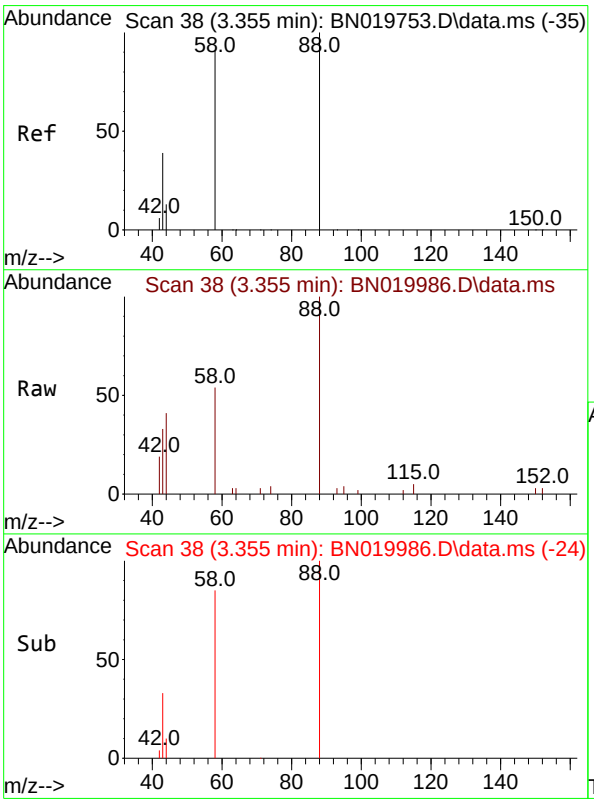
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.854 min Scan# 6
Delta R.T. 0.007 min
Lab File: BN019986.D
Acq: 27 May 2022 00:29

Instrument :
BNA_N
ClientSampleId :
PB145066BSD

Tgt Ion:152 Resp: 4734

Ion	Ratio	Lower	Upper
152	100		
150	151.0	127.9	191.9
115	59.2	51.4	77.2

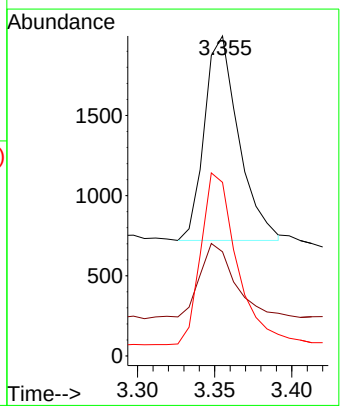


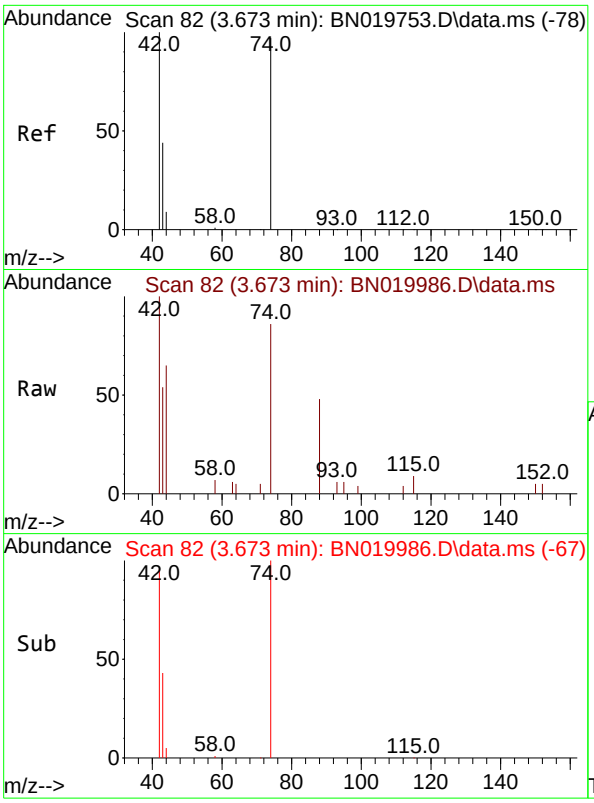


#2
1,4-Dioxane
Concen: 0.351 ng
RT: 3.355 min Scan# 38
Delta R.T. 0.000 min
Lab File: BN019986.D
Acq: 27 May 2022 00:29

Tgt Ion: 88 Resp: 1972

Ion	Ratio	Lower	Upper
88	100		
43	39.2	30.2	45.2
58	87.8	73.0	109.6



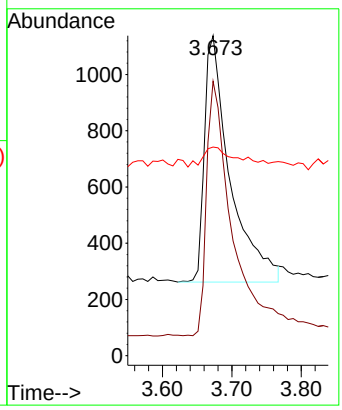


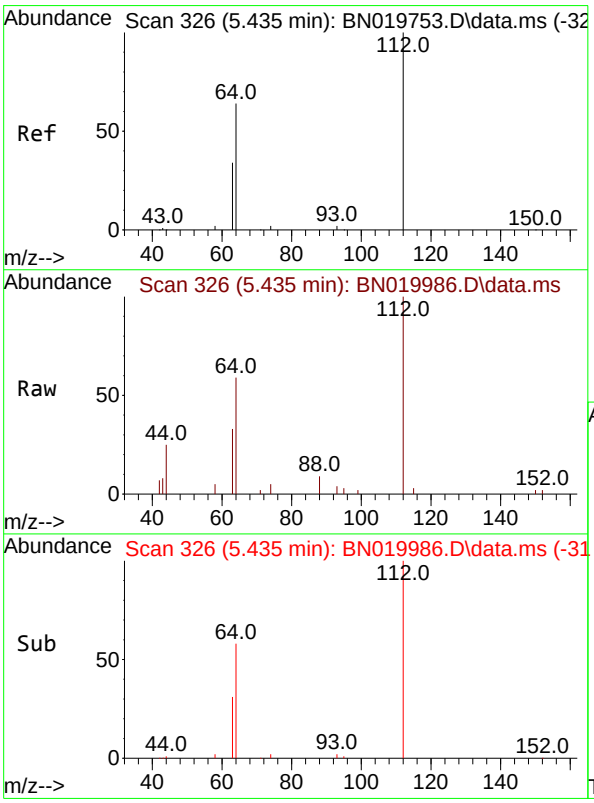
#3
n-Nitrosodimethylamine
Concen: 0.364 ng
RT: 3.673 min Scan# 8
Delta R.T. 0.007 min
Lab File: BN019986.D
Acq: 27 May 2022 00:29

Instrument :
BNA_N
ClientSampleId :
PB145066BSD

Tgt Ion: 42 Resp: 2240

Ion	Ratio	Lower	Upper
42	100		
74	102.9	84.0	126.0
44	10.7	9.8	14.8

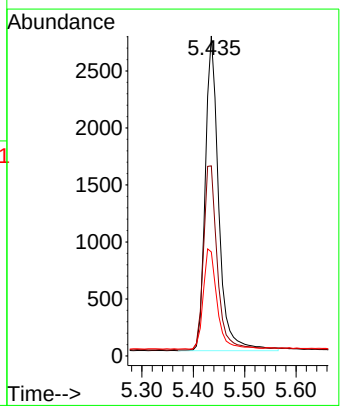


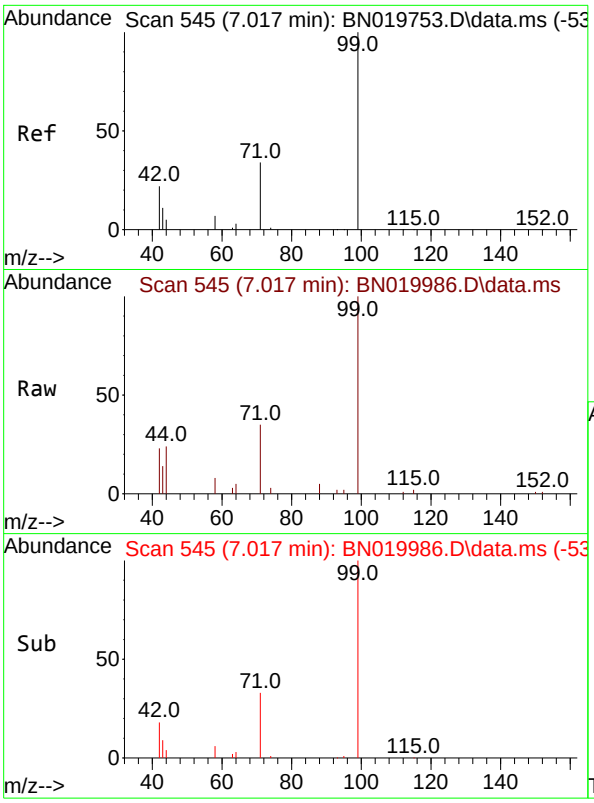


#4
2-Fluorophenol
Concen: 0.423 ng
RT: 5.435 min Scan# 326
Delta R.T. 0.000 min
Lab File: BN019986.D
Acq: 27 May 2022 00:29

Tgt Ion:112 Resp: 5005

Ion	Ratio	Lower	Upper
112	100		
64	61.1	49.1	73.7
63	32.7	26.3	39.5



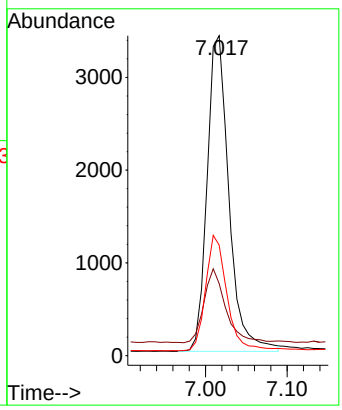


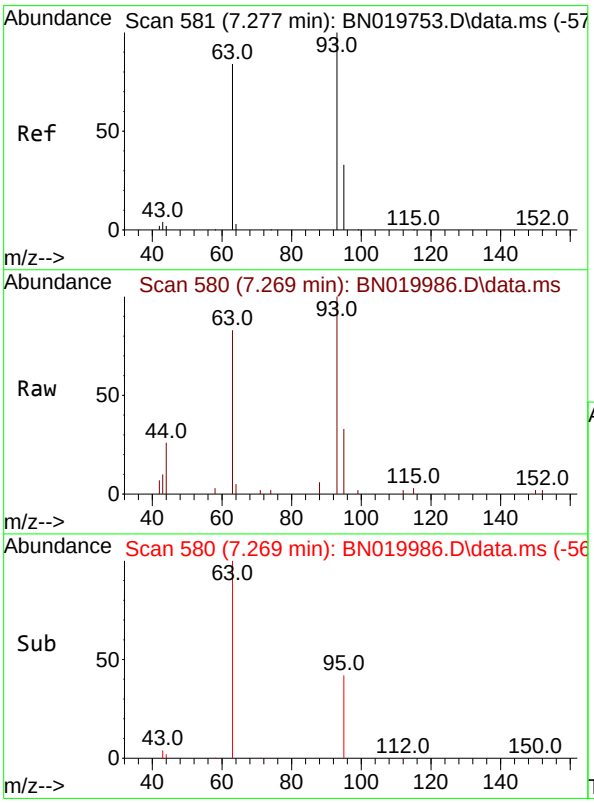
#5
Phenol-d6
Concen: 0.427 ng
RT: 7.017 min Scan# 54
Delta R.T. 0.007 min
Lab File: BN019986.D
Acq: 27 May 2022 00:29

Instrument :
BNA_N
ClientSampleId :
PB145066BSD

Tgt Ion: 99 Resp: 6335

Ion	Ratio	Lower	Upper
99	100		
42	23.3	19.3	28.9
71	35.5	27.5	41.3

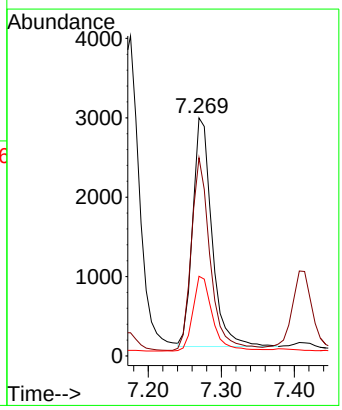


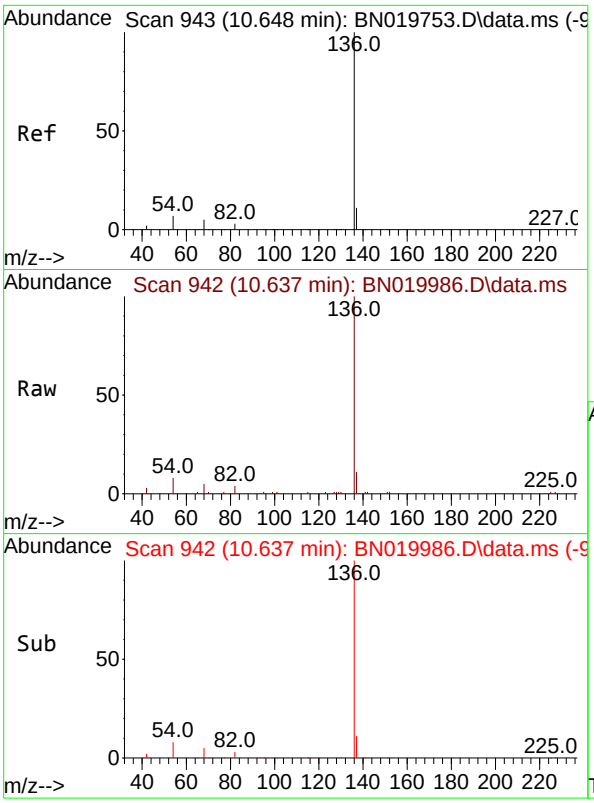


#6
bis(2-Chloroethyl)ether
Concen: 0.365 ng
RT: 7.269 min Scan# 580
Delta R.T. 0.000 min
Lab File: BN019986.D
Acq: 27 May 2022 00:29

Tgt Ion: 93 Resp: 5275

Ion	Ratio	Lower	Upper
93	100		
63	82.7	67.4	101.0
95	33.4	26.5	39.7



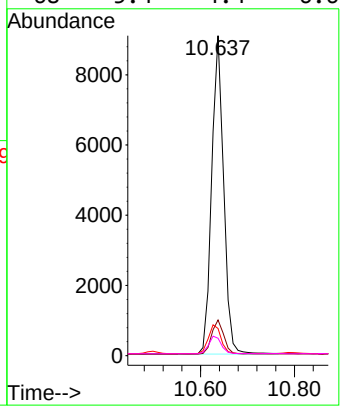


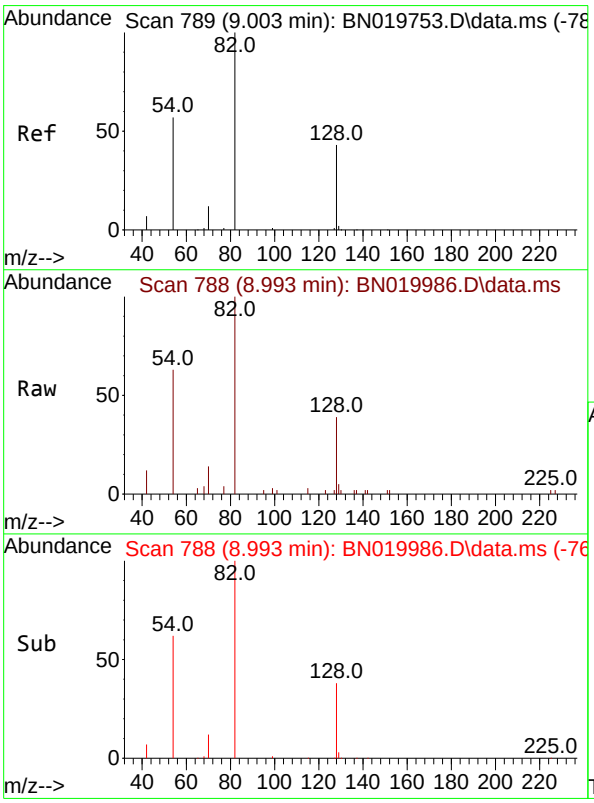
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.637 min Scan# 94
Delta R.T. 0.000 min
Lab File: BN019986.D
Acq: 27 May 2022 00:29

Instrument :
BNA_N
ClientSampleId :
PB145066BSD

Tgt Ion:136 Resp: 16014

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.0	13.6
54	8.5	6.2	9.2
68	5.4	4.4	6.6

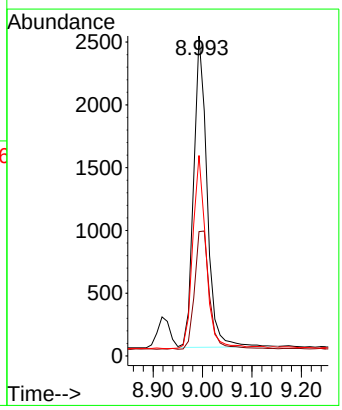


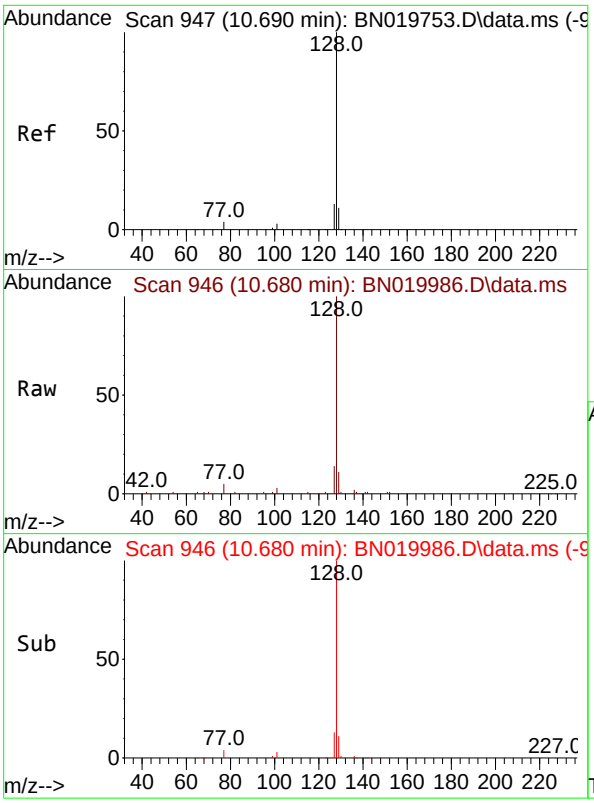


#8
Nitrobenzene-d5
Concen: 0.386 ng
RT: 8.993 min Scan# 788
Delta R.T. 0.000 min
Lab File: BN019986.D
Acq: 27 May 2022 00:29

Tgt Ion: 82 Resp: 4666

Ion	Ratio	Lower	Upper
82	100		
128	38.8	35.0	52.6
54	62.7	46.2	69.4



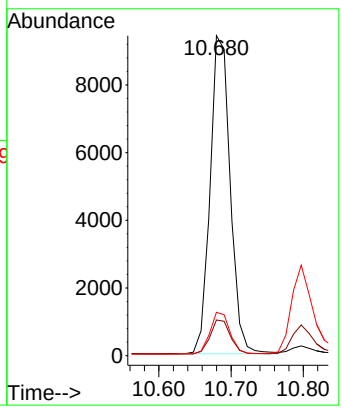


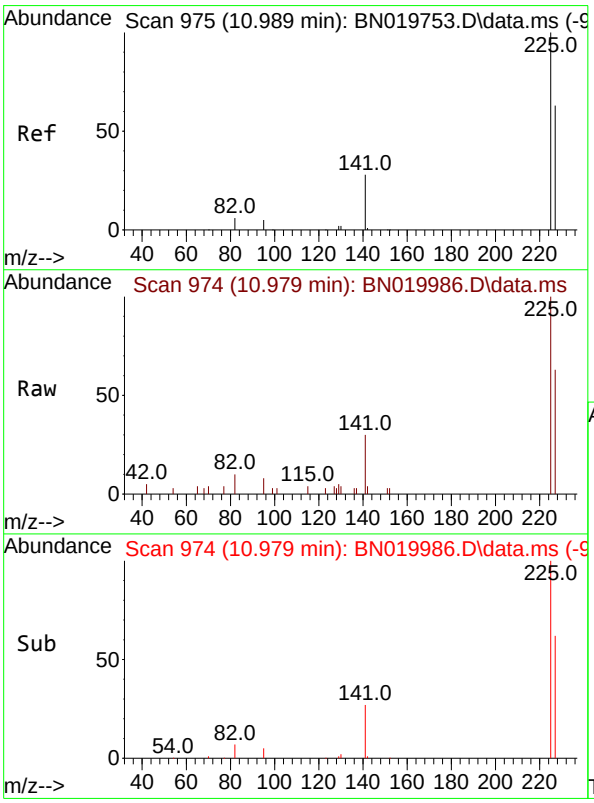
#9
Naphthalene
Concen: 0.374 ng
RT: 10.680 min Scan# 94
Delta R.T. -0.011 min
Lab File: BN019986.D
Acq: 27 May 2022 00:29

Instrument :
BNA_N
ClientSampleId :
PB145066BSD

Tgt Ion:128 Resp: 18170

Ion	Ratio	Lower	Upper
128	100		
129	11.2	8.9	13.3
127	13.5	10.8	16.2

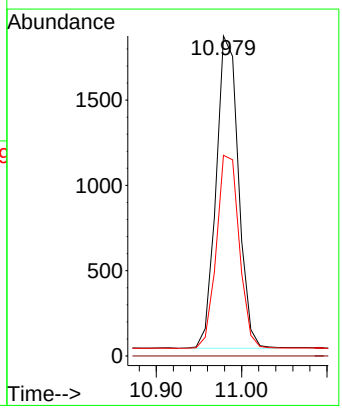


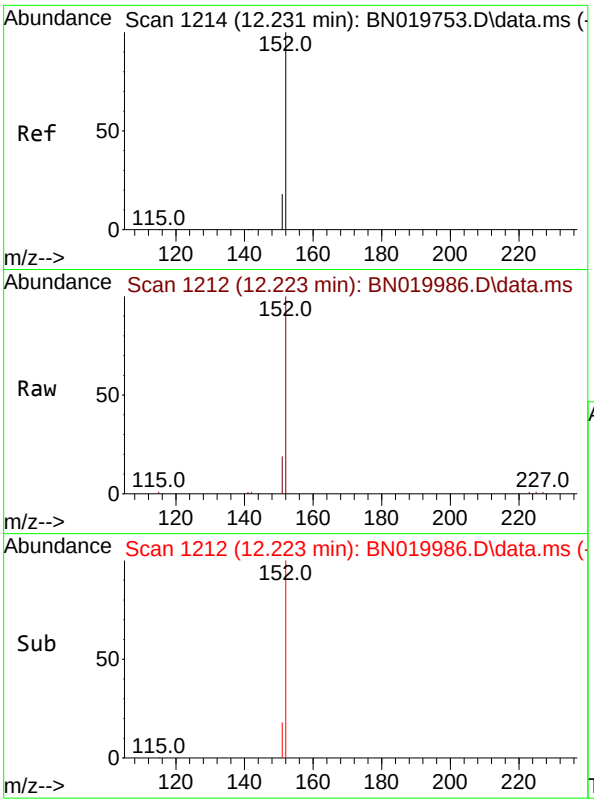


#10
Hexachlorobutadiene
Concen: 0.377 ng
RT: 10.979 min Scan# 974
Delta R.T. -0.011 min
Lab File: BN019986.D
Acq: 27 May 2022 00:29

Tgt Ion:225 Resp: 3331

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.1	50.9	76.3



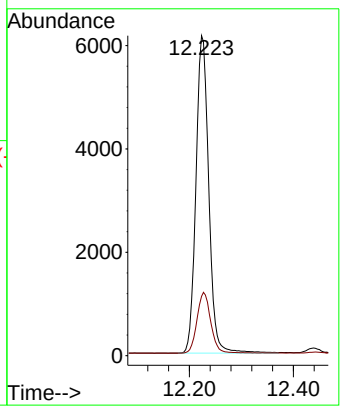


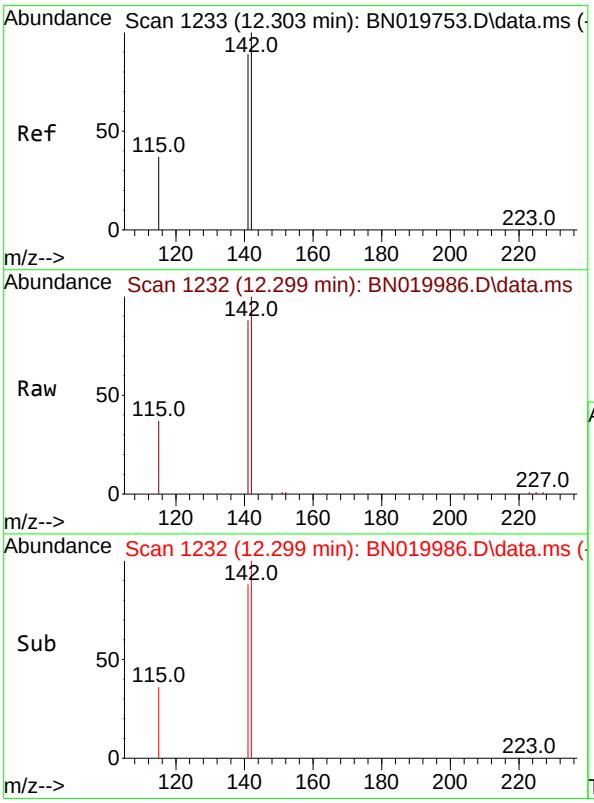
#11
2-Methylnaphthalene-d10
Concen: 0.377 ng
RT: 12.223 min Scan# 1
Delta R.T. -0.004 min
Lab File: BN019986.D
Acq: 27 May 2022 00:29

Instrument :
BNA_N
ClientSampleId :
PB145066BSD

Tgt Ion:152 Resp: 10504

Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.2	24.4

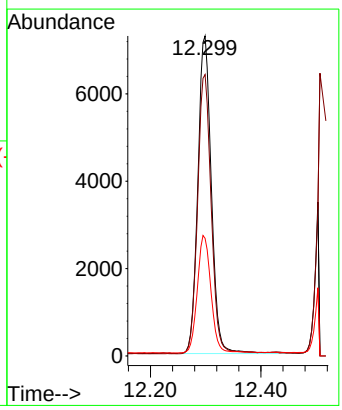


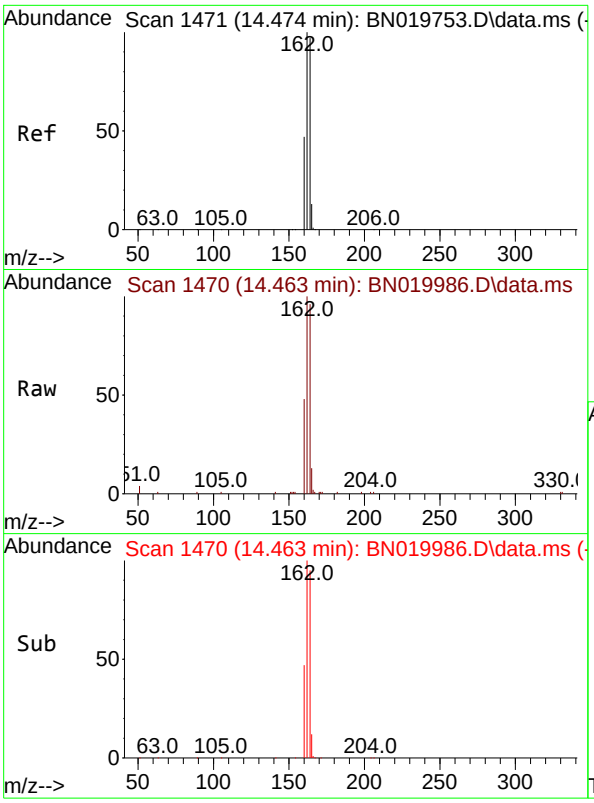


#12
2-Methylnaphthalene
Concen: 0.375 ng
RT: 12.299 min Scan# 1232
Delta R.T. 0.000 min
Lab File: BN019986.D
Acq: 27 May 2022 00:29

Tgt Ion:142 Resp: 12411

Ion	Ratio	Lower	Upper
142	100		
141	88.0	71.6	107.4
115	36.8	29.8	44.8



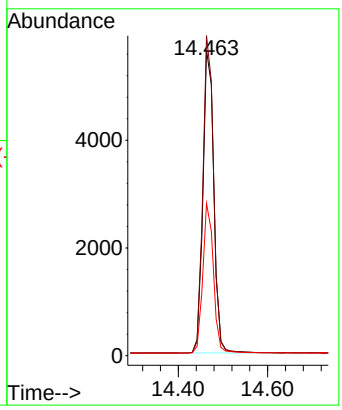


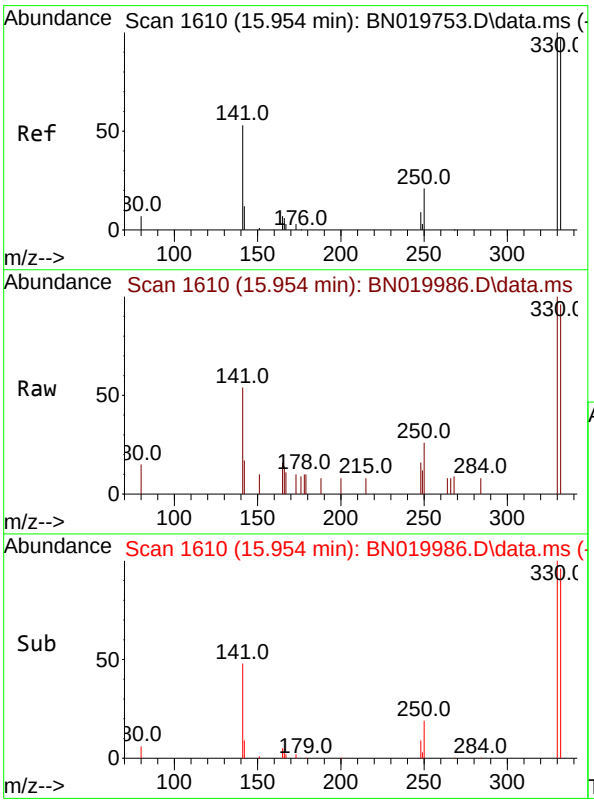
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.463 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN019986.D
Acq: 27 May 2022 00:29

Instrument :
BNA_N
ClientSampleId :
PB145066BSD

Tgt Ion:164 Resp: 9499

Ion	Ratio	Lower	Upper
164	100		
162	104.7	82.1	123.1
160	49.9	38.6	58.0

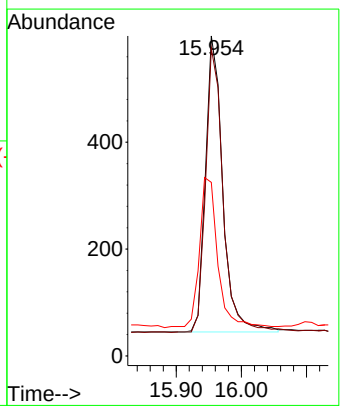


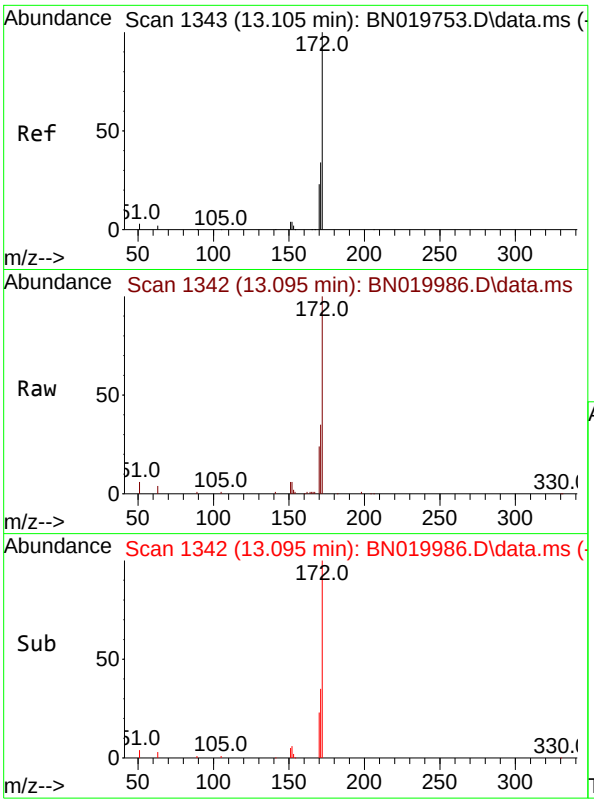


#14
2,4,6-Tribromophenol
Concen: 0.271 ng
RT: 15.954 min Scan# 1610
Delta R.T. 0.000 min
Lab File: BN019986.D
Acq: 27 May 2022 00:29

Tgt Ion:330 Resp: 1018

Ion	Ratio	Lower	Upper
330	100		
332	97.5	77.6	116.4
141	52.0	41.0	61.4



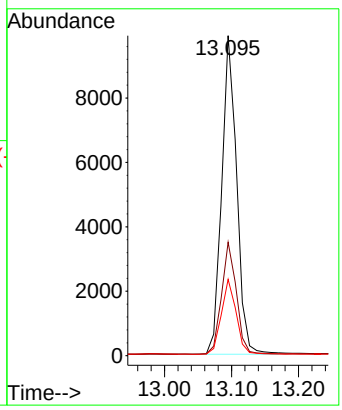


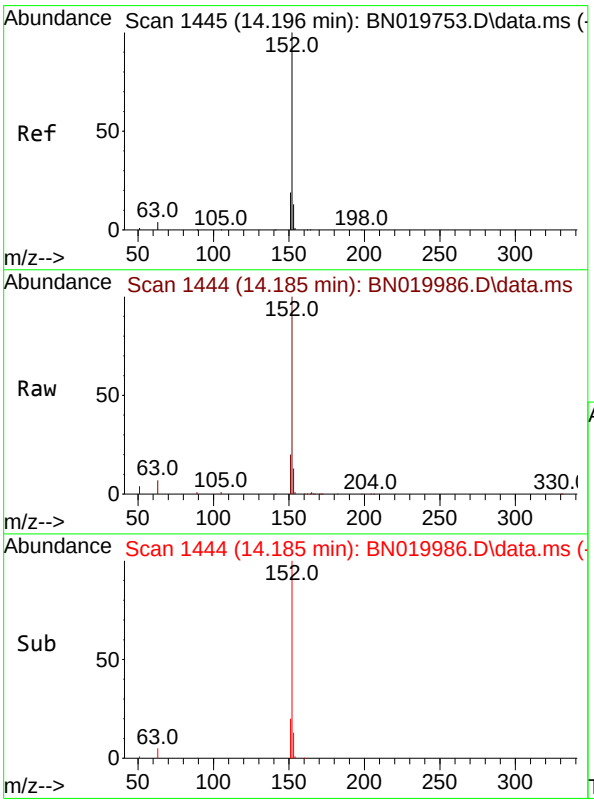
#15
2-Fluorobiphenyl
Concen: 0.370 ng
RT: 13.095 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN019986.D
Acq: 27 May 2022 00:29

Instrument :
BNA_N
ClientSampleId :
PB145066BSD

Tgt Ion:172 Resp: 15365

Ion	Ratio	Lower	Upper
172	100		
171	35.4	27.2	40.8
170	23.8	18.2	27.4

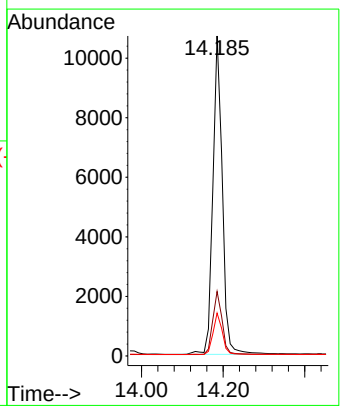


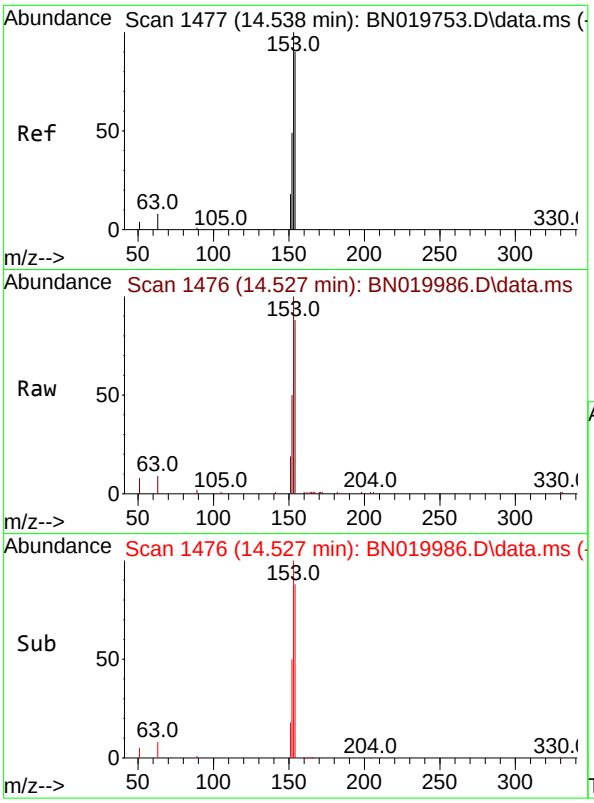


#16
Acenaphthylene
Concen: 0.386 ng
RT: 14.185 min Scan# 1444
Delta R.T. 0.000 min
Lab File: BN019986.D
Acq: 27 May 2022 00:29

Tgt Ion:152 Resp: 17179

Ion	Ratio	Lower	Upper
152	100		
151	19.8	16.2	24.4
153	12.9	10.7	16.1



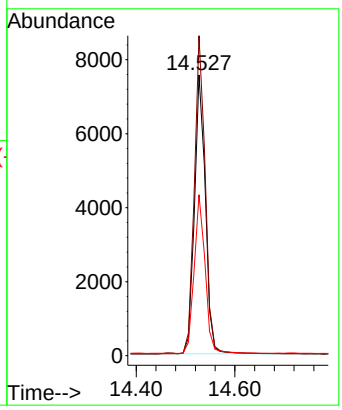


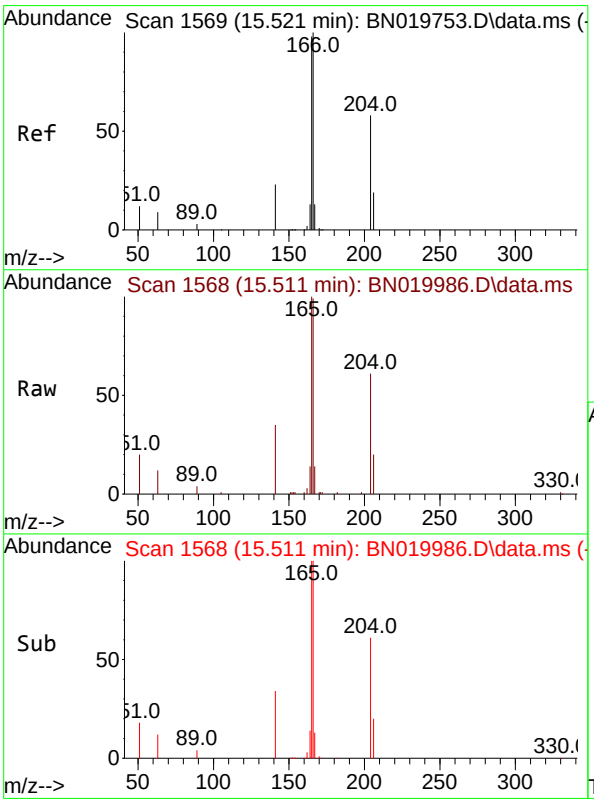
#17
Acenaphthene
Concen: 0.351 ng
RT: 14.527 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN019986.D
Acq: 27 May 2022 00:29

Instrument :
BNA_N
ClientSampleId :
PB145066BSD

Tgt Ion:154 Resp: 11581

Ion	Ratio	Lower	Upper
154	100		
153	113.9	87.5	131.3
152	57.3	43.8	65.6

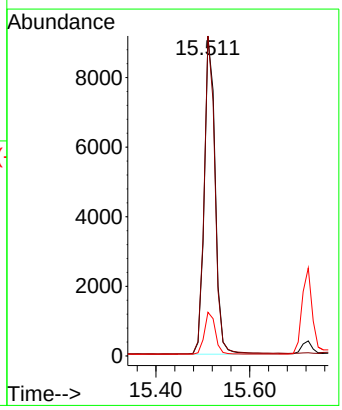


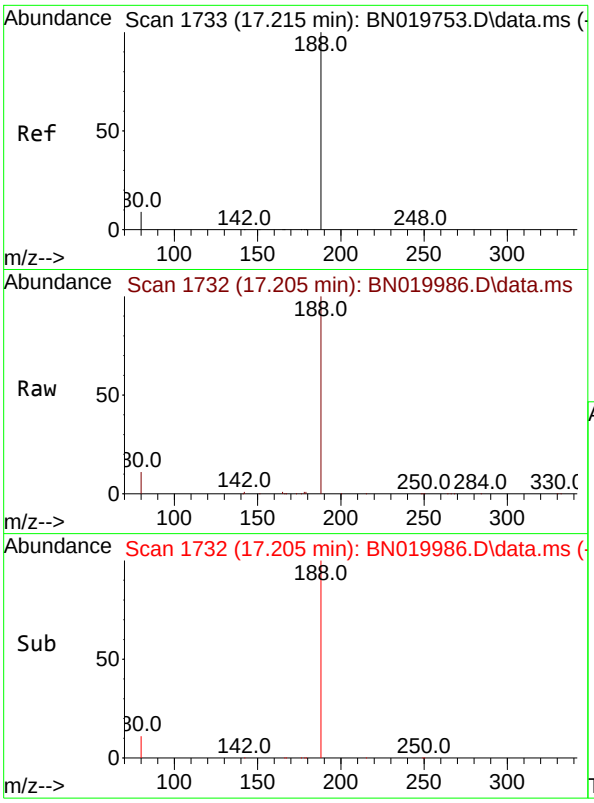


#18
Fluorene
Concen: 0.353 ng
RT: 15.511 min Scan# 1568
Delta R.T. 0.000 min
Lab File: BN019986.D
Acq: 27 May 2022 00:29

Tgt Ion:166 Resp: 14694

Ion	Ratio	Lower	Upper
166	100		
165	98.7	78.6	118.0
167	13.4	10.8	16.2



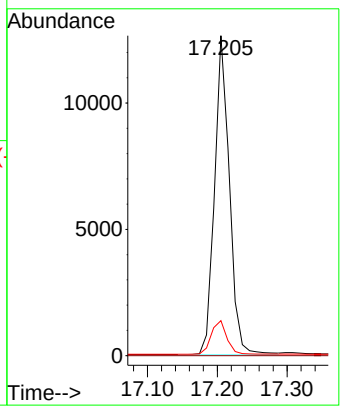


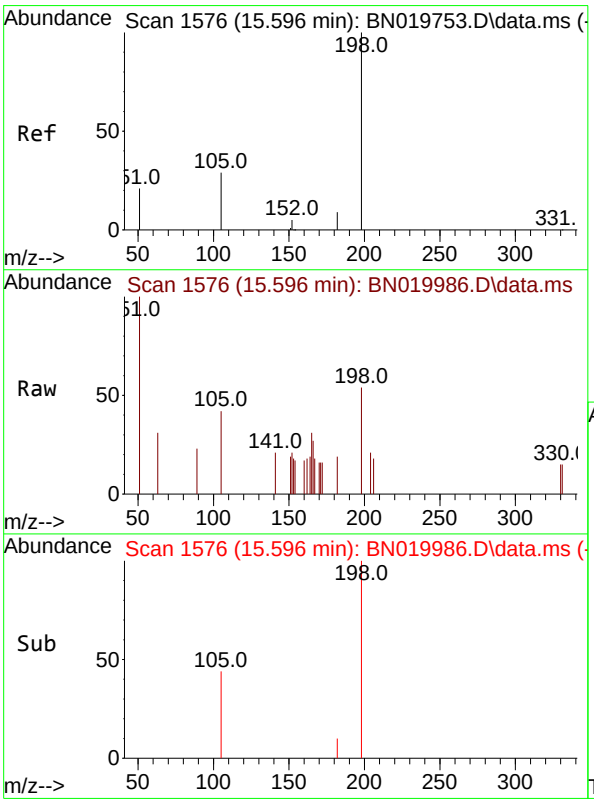
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.205 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN019986.D
Acq: 27 May 2022 00:29

Instrument :
BNA_N
ClientSampleId :
PB145066BSD

Tgt Ion:188 Resp: 18658

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	10.9	7.4	11.2

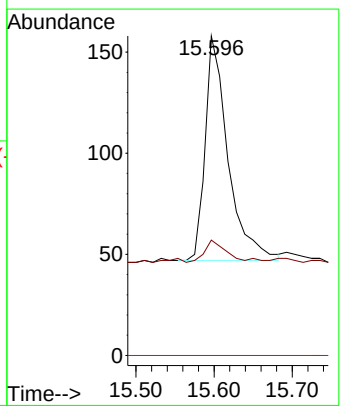


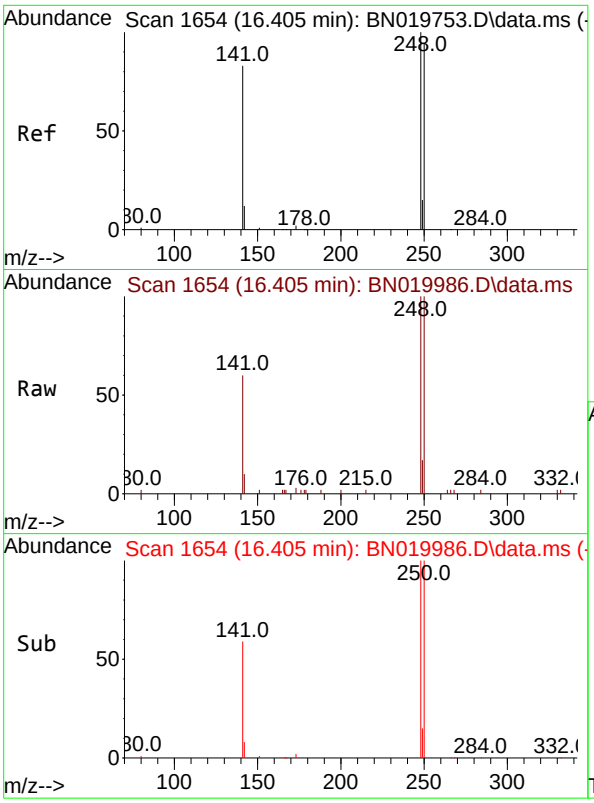


#20
4,6-Dinitro-2-methylphenol
Concen: 0.084 ng
RT: 15.596 min Scan# 1576
Delta R.T. 0.000 min
Lab File: BN019986.D
Acq: 27 May 2022 00:29

Tgt Ion:198 Resp: 226

Ion	Ratio	Lower	Upper
198	100		
182	36.1	12.1	18.1#
77	0.0	0.0	0.0



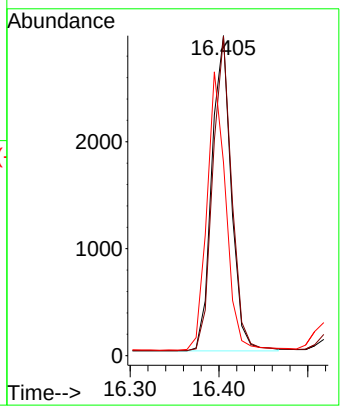


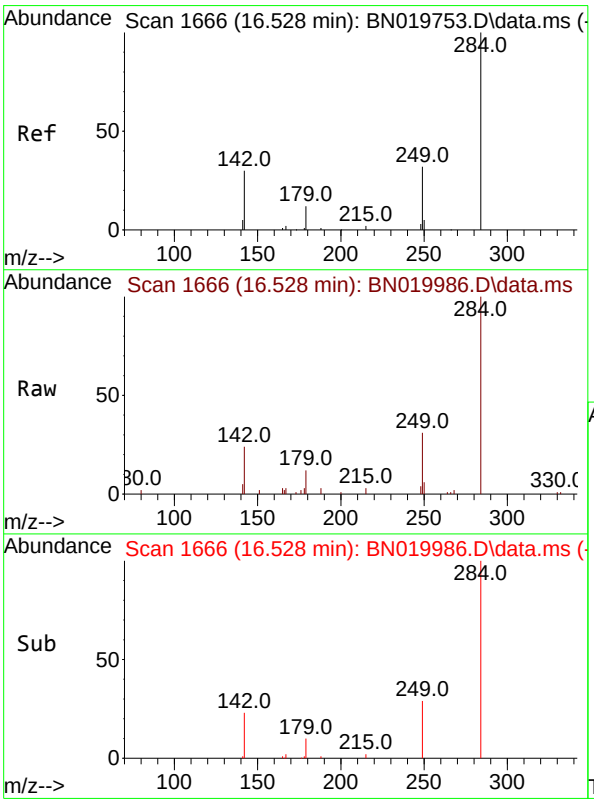
#21
4-Bromophenyl-phenylether
Concen: 0.393 ng
RT: 16.405 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN019986.D
Acq: 27 May 2022 00:29

Instrument :
BNA_N
ClientSampleId :
PB145066BSD

Tgt Ion:248 Resp: 4475

Ion	Ratio	Lower	Upper
248	100		
250	99.8	75.3	112.9
141	60.4	67.3	100.9#

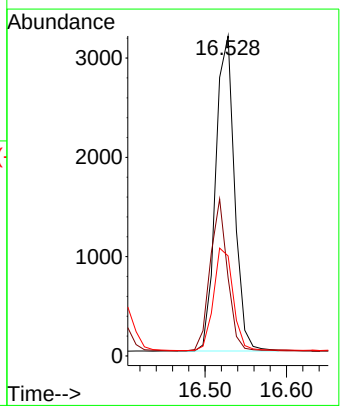


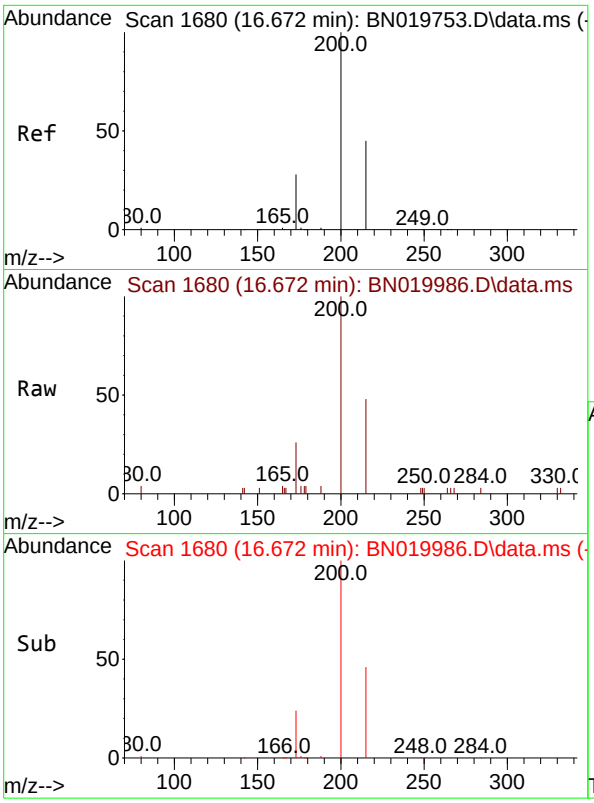


#22
Hexachlorobenzene
Concen: 0.403 ng
RT: 16.528 min Scan# 1666
Delta R.T. 0.000 min
Lab File: BN019986.D
Acq: 27 May 2022 00:29

Tgt Ion:284 Resp: 5091

Ion	Ratio	Lower	Upper
284	100		
142	44.2	35.2	52.8
249	33.6	26.6	40.0



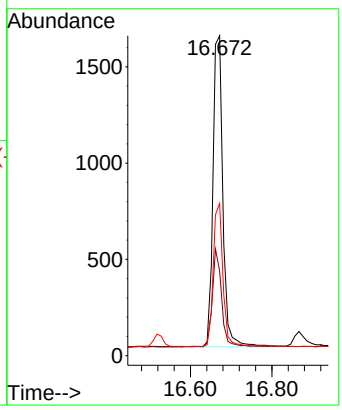


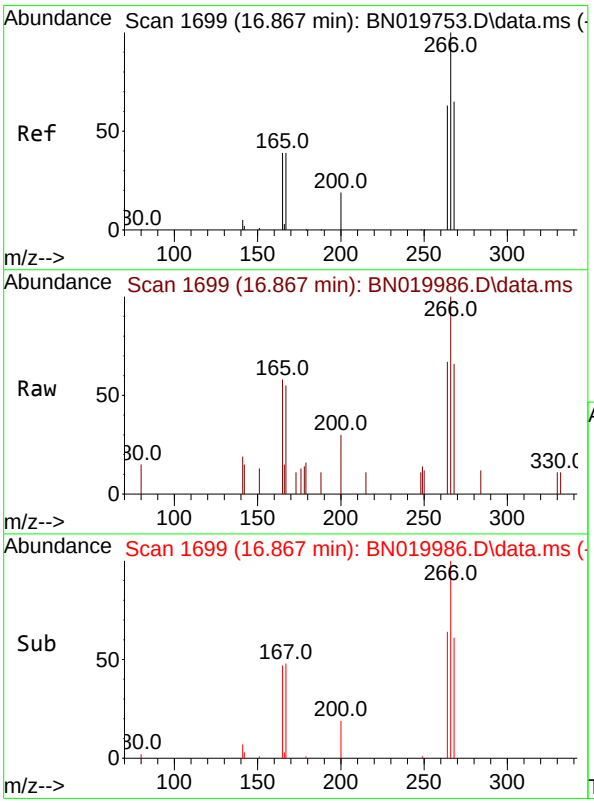
#23
Atrazine
Concen: 0.370 ng
RT: 16.672 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN019986.D
Acq: 27 May 2022 00:29

Instrument :
BNA_N
ClientSampleId :
PB145066BSD

Tgt Ion:200 Resp: 2748

Ion	Ratio	Lower	Upper
200	100		
173	26.5	23.6	35.4
215	47.6	36.6	54.8

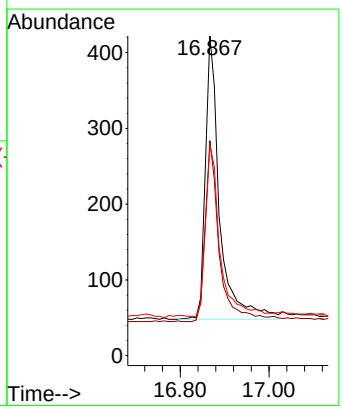


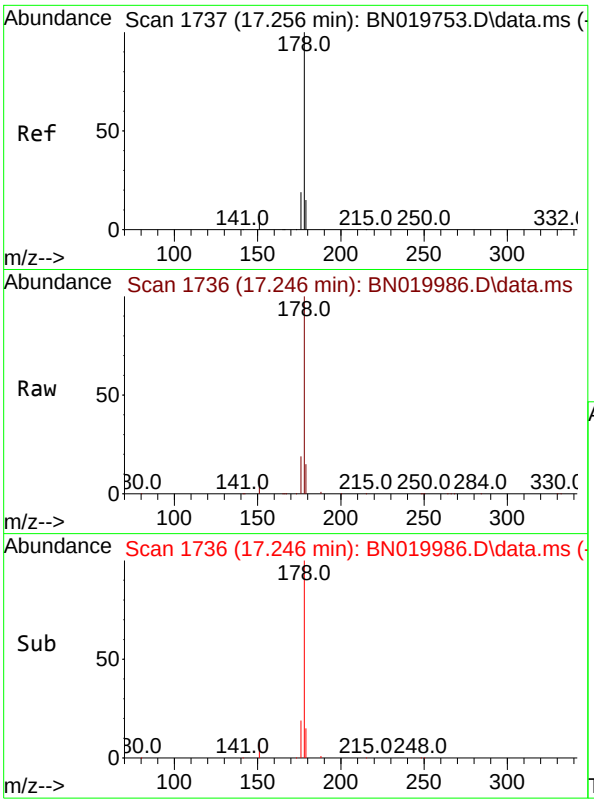


#24
Pentachlorophenol
Concen: 0.171 ng
RT: 16.867 min Scan# 1699
Delta R.T. 0.000 min
Lab File: BN019986.D
Acq: 27 May 2022 00:29

Tgt Ion:266 Resp: 833

Ion	Ratio	Lower	Upper
266	100		
264	63.5	51.3	76.9
268	60.7	52.6	79.0



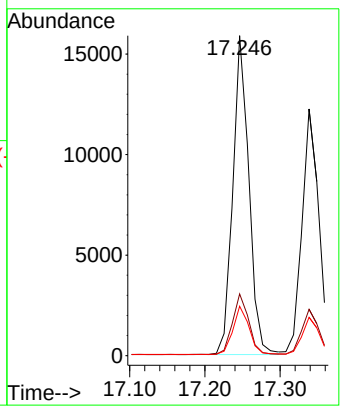


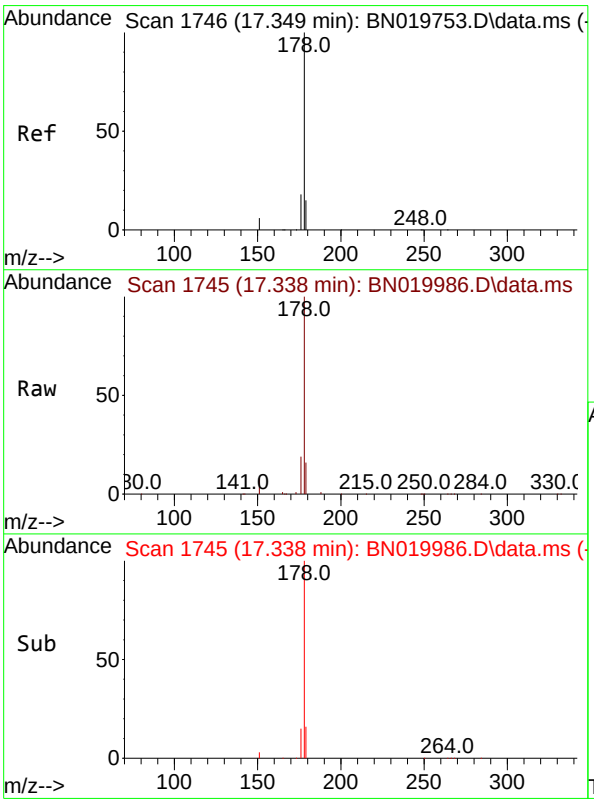
#25
Phenanthrene
Concen: 0.365 ng
RT: 17.246 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN019986.D
Acq: 27 May 2022 00:29

Instrument :
BNA_N
ClientSampleId :
PB145066BSD

Tgt Ion:178 Resp: 23577

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.3	22.9
179	15.2	12.2	18.4

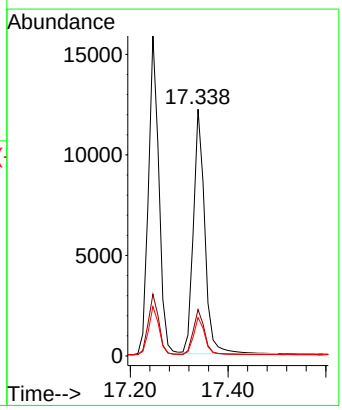


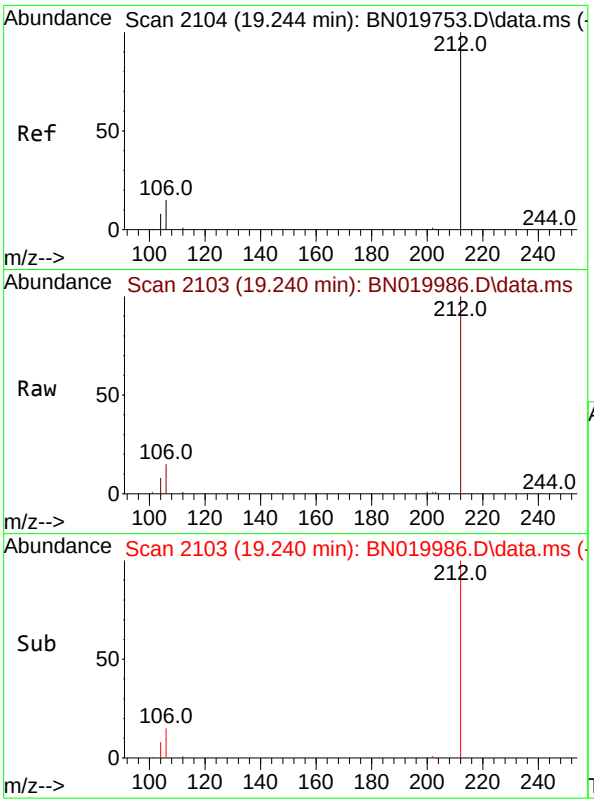


#26
Anthracene
Concen: 0.359 ng
RT: 17.338 min Scan# 1745
Delta R.T. 0.000 min
Lab File: BN019986.D
Acq: 27 May 2022 00:29

Tgt Ion:178 Resp: 19622

Ion	Ratio	Lower	Upper
178	100		
176	18.3	14.9	22.3
179	15.3	12.2	18.4



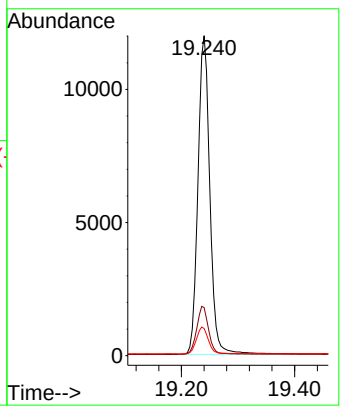


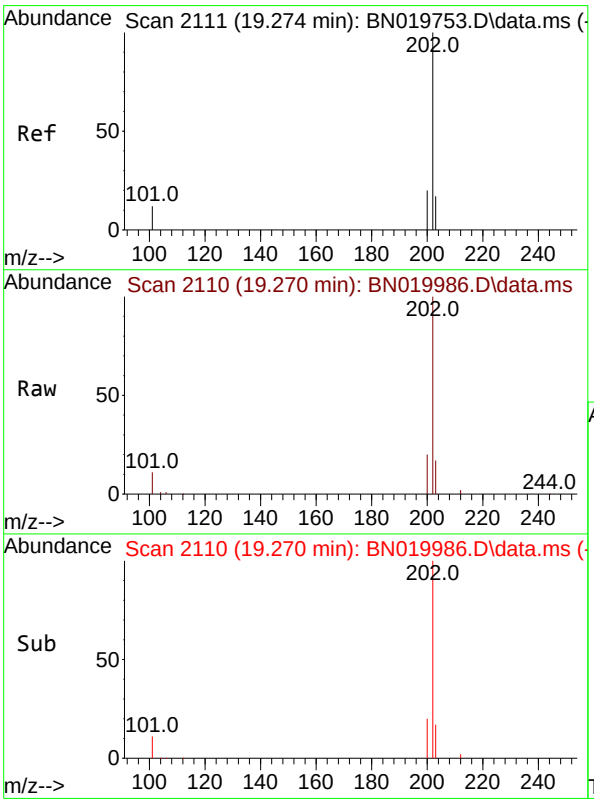
#27
Fluoranthene-d10
Concen: 0.330 ng
RT: 19.240 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN019986.D
Acq: 27 May 2022 00:29

Instrument :
BNA_N
ClientSampleId :
PB145066BSD

Tgt Ion:212 Resp: 17512

Ion	Ratio	Lower	Upper
212	100		
106	14.9	12.6	19.0
104	8.5	7.2	10.8

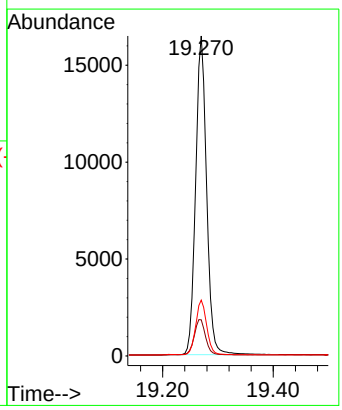


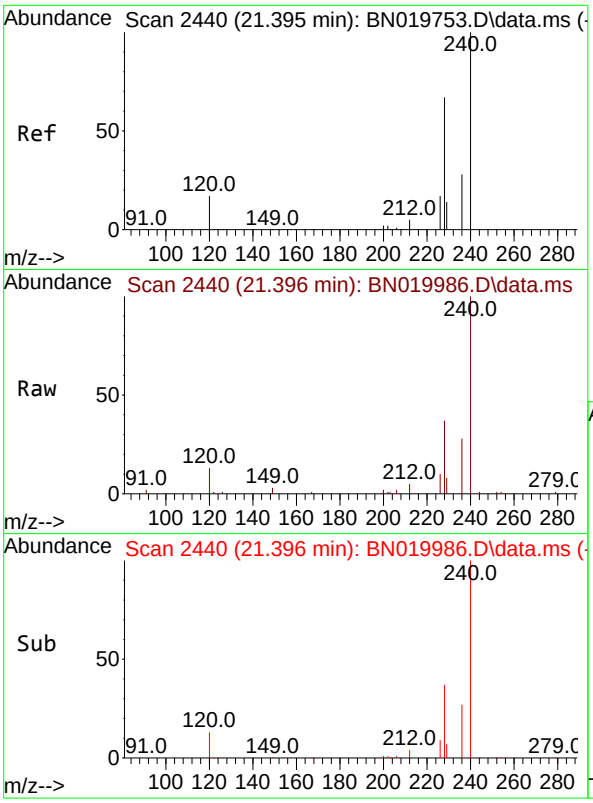


#28
Fluoranthene
Concen: 0.327 ng
RT: 19.270 min Scan# 2110
Delta R.T. 0.000 min
Lab File: BN019986.D
Acq: 27 May 2022 00:29

Tgt Ion:202 Resp: 22627

Ion	Ratio	Lower	Upper
202	100		
101	11.7	9.6	14.4
203	17.0	13.5	20.3



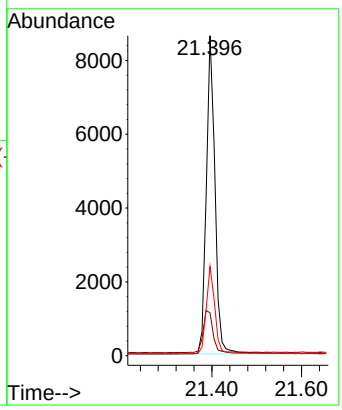


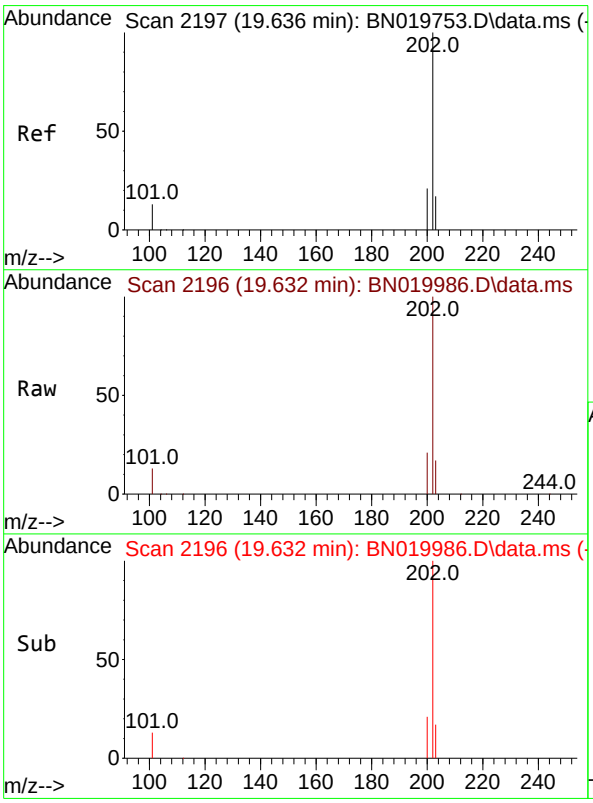
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.396 min Scan# 24
Delta R.T. -0.009 min
Lab File: BN019986.D
Acq: 27 May 2022 00:29

Instrument :
BNA_N
ClientSampleId :
PB145066BSD

Tgt Ion:240 Resp: 11601

Ion	Ratio	Lower	Upper
240	100		
120	13.4	14.6	21.8#
236	27.9	22.6	33.8

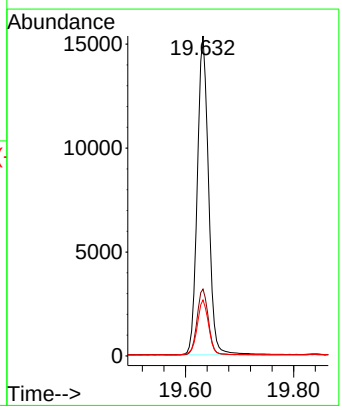


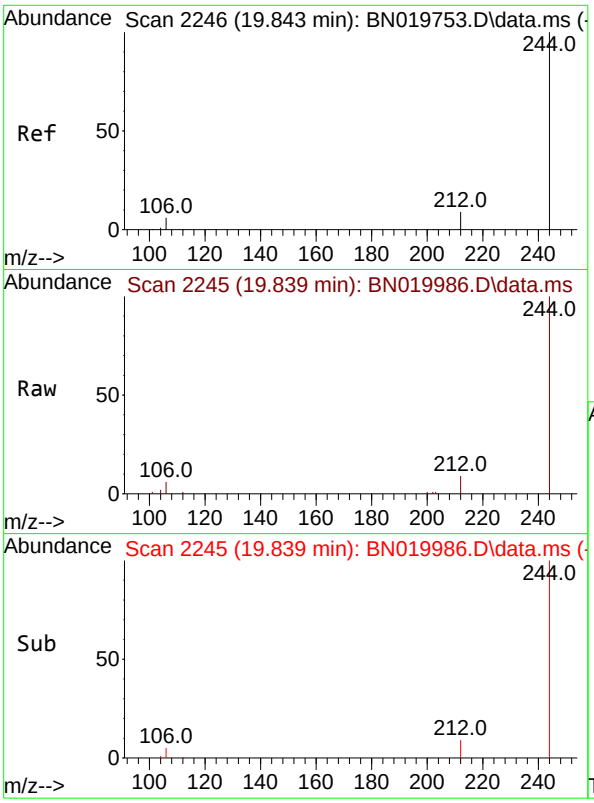


#30
Pyrene
Concen: 0.449 ng
RT: 19.632 min Scan# 2196
Delta R.T. 0.000 min
Lab File: BN019986.D
Acq: 27 May 2022 00:29

Tgt Ion:202 Resp: 22105

Ion	Ratio	Lower	Upper
202	100		
200	20.9	16.6	25.0
203	17.4	14.2	21.2



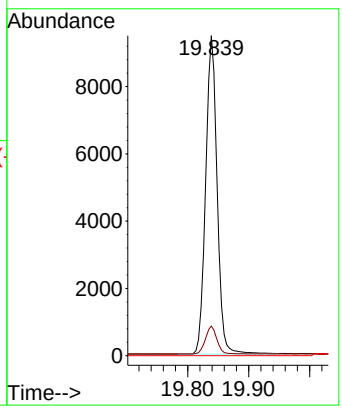


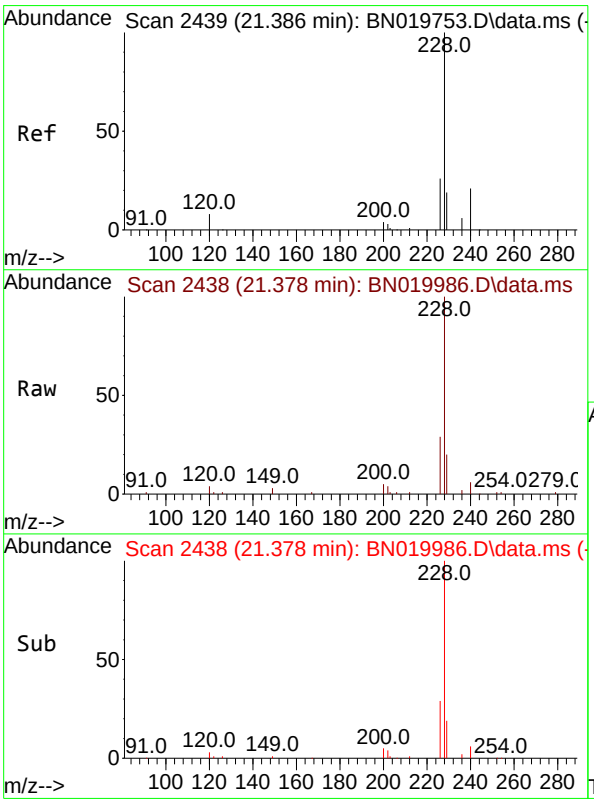
#31
Terphenyl-d14
Concen: 0.454 ng
RT: 19.839 min Scan# 2
Delta R.T. -0.004 min
Lab File: BN019986.D
Acq: 27 May 2022 00:29

Instrument :
BNA_N
ClientSampleId :
PB145066BSD

Tgt Ion:244 Resp: 12412

Ion	Ratio	Lower	Upper
244	100		
212	9.3	7.1	10.7
122	0.0	0.0	0.0

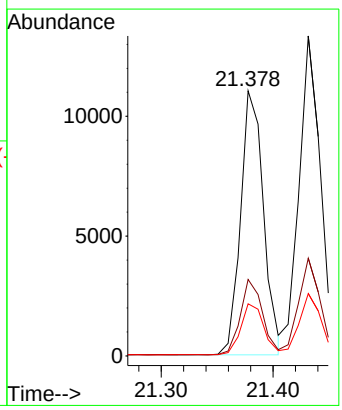


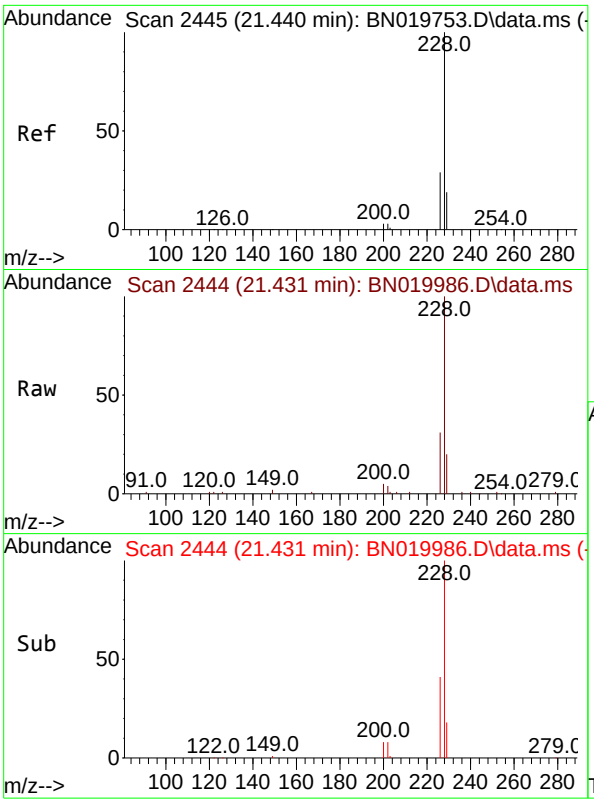


#32
Benzo(a)anthracene
Concen: 0.371 ng
RT: 21.378 min Scan# 2438
Delta R.T. -0.009 min
Lab File: BN019986.D
Acq: 27 May 2022 00:29

Tgt Ion:228 Resp: 15667

Ion	Ratio	Lower	Upper
228	100		
226	28.9	21.2	31.8
229	19.7	15.6	23.4



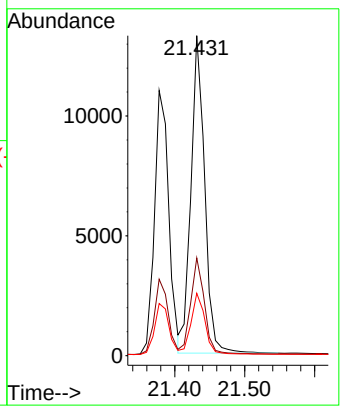


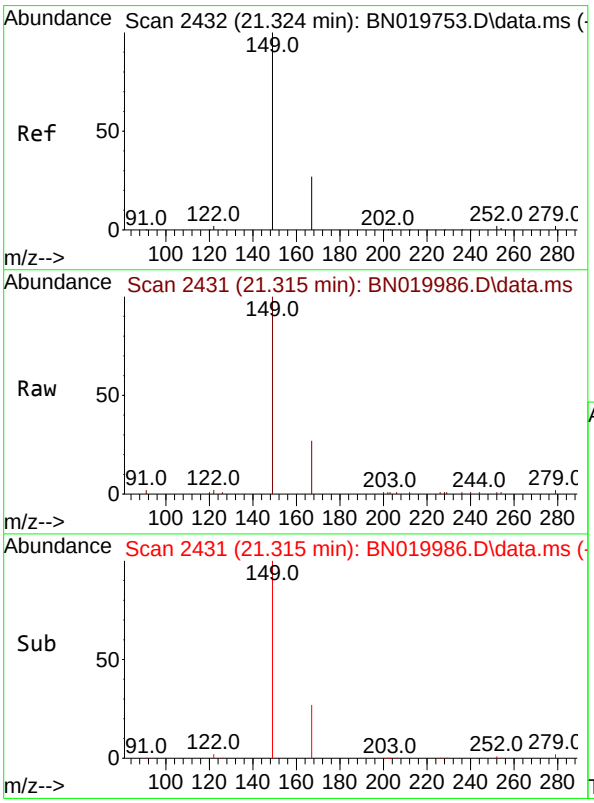
#33
Chrysene
Concen: 0.380 ng
RT: 21.431 min Scan# 24
Delta R.T. -0.009 min
Lab File: BN019986.D
Acq: 27 May 2022 00:29

Instrument :
BNA_N
ClientSampleId :
PB145066BSD

Tgt Ion:228 Resp: 18022

Ion	Ratio	Lower	Upper
228	100		
226	30.5	23.4	35.0
229	19.5	15.7	23.5

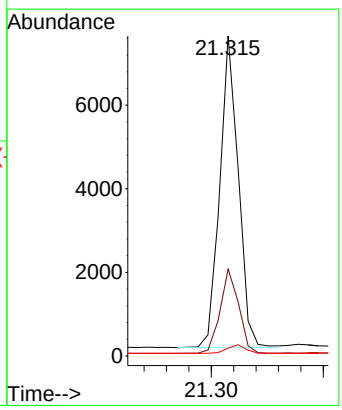


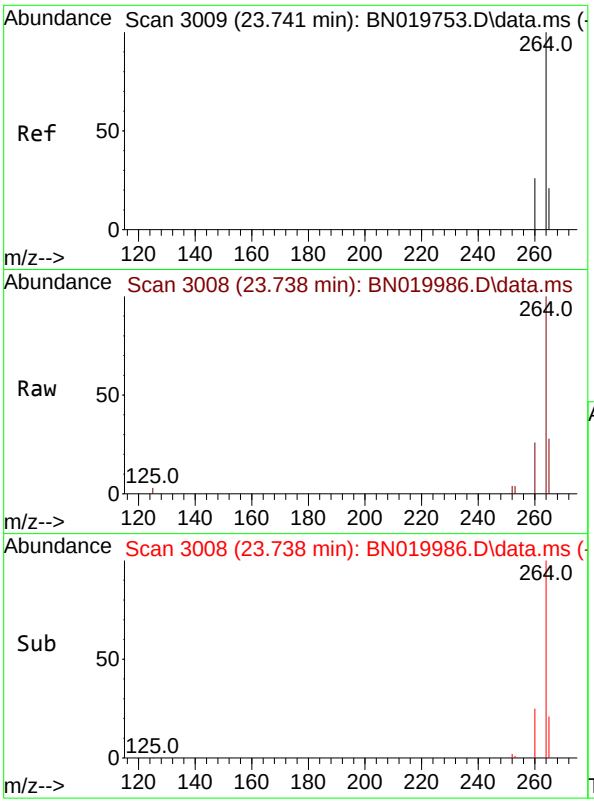


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.489 ng
RT: 21.315 min Scan# 2431
Delta R.T. -0.009 min
Lab File: BN019986.D
Acq: 27 May 2022 00:29

Tgt Ion:149 Resp: 8608

Ion	Ratio	Lower	Upper
149	100		
167	27.0	21.7	32.5
279	2.9	2.2	3.2



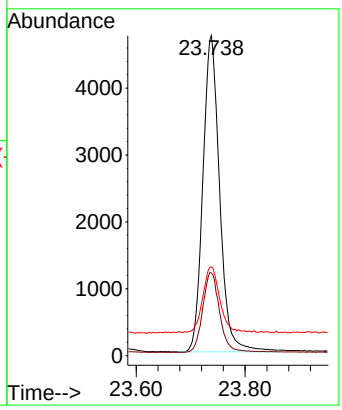


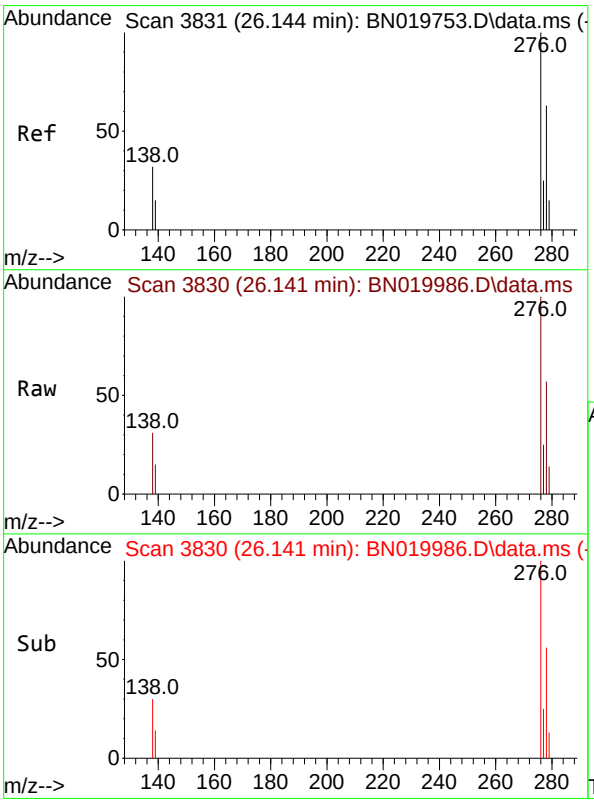
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.738 min Scan# 3
Delta R.T. -0.003 min
Lab File: BN019986.D
Acq: 27 May 2022 00:29

Instrument :
BNA_N
ClientSampleId :
PB145066BSD

Tgt Ion:264 Resp: 10102

Ion	Ratio	Lower	Upper
264	100		
260	25.8	20.9	31.3
265	27.8	28.0	42.0#

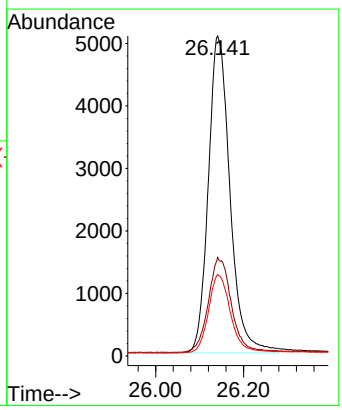


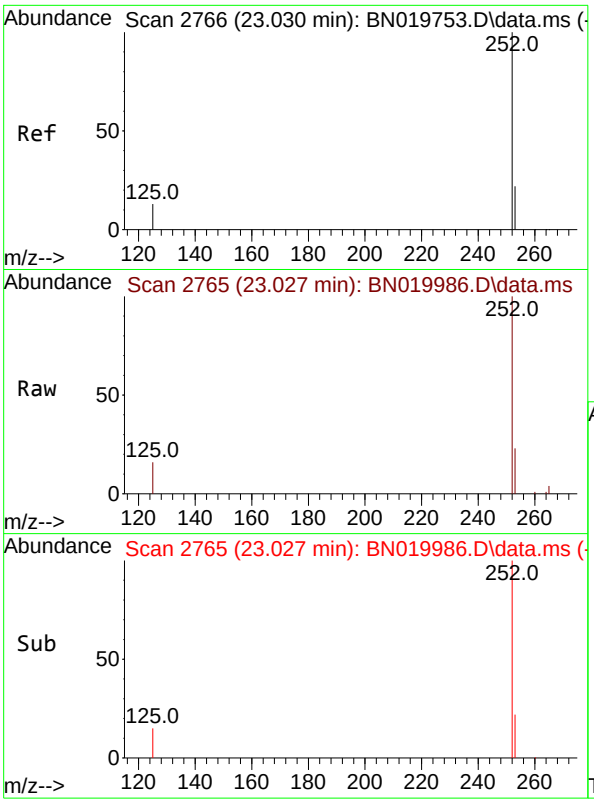


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.367 ng
RT: 26.141 min Scan# 3830
Delta R.T. -0.003 min
Lab File: BN019986.D
Acq: 27 May 2022 00:29

Tgt Ion:276 Resp: 17344

Ion	Ratio	Lower	Upper
276	100		
138	31.9	25.9	38.9
277	24.8	19.8	29.8



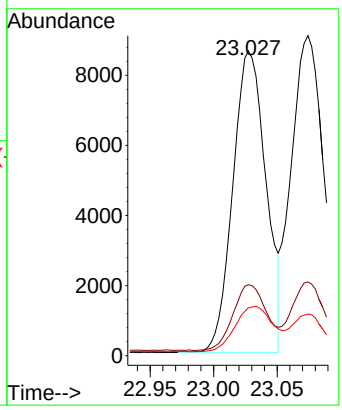


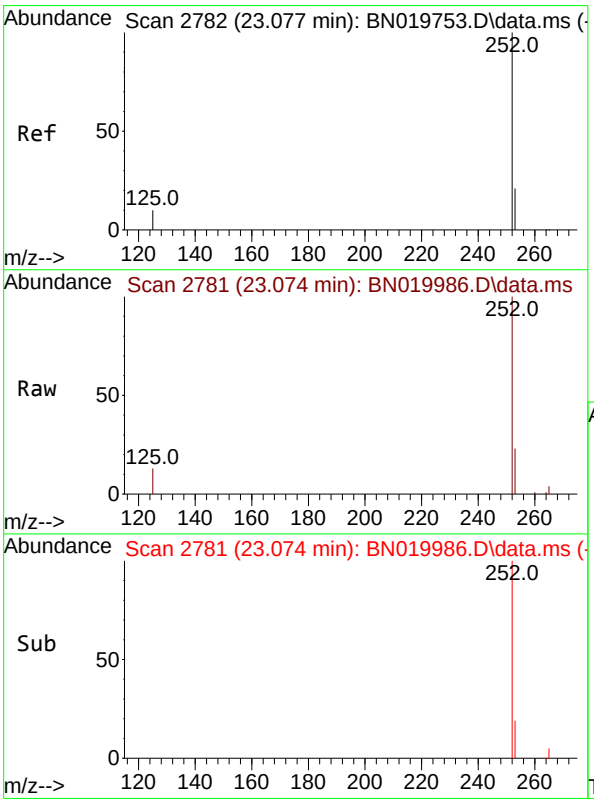
#37
Benzo(b)fluoranthene
Concen: 0.354 ng
RT: 23.027 min Scan# 2
Delta R.T. -0.003 min
Lab File: BN019986.D
Acq: 27 May 2022 00:29

Instrument :
BNA_N
ClientSampleId :
PB145066BSD

Tgt Ion:252 Resp: 15620

Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.5	27.7
125	15.8	11.4	17.0

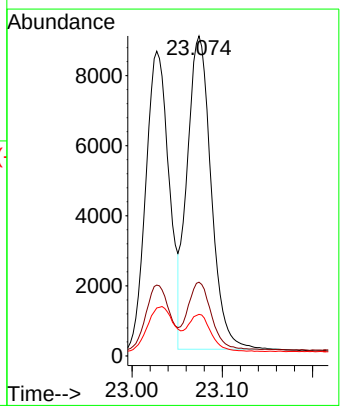


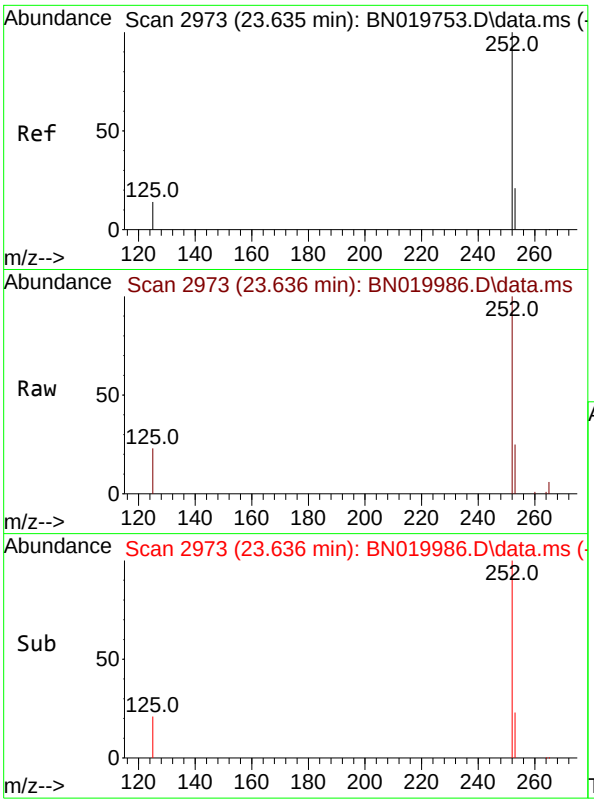


#38
Benzo(k)fluoranthene
Concen: 0.352 ng
RT: 23.074 min Scan# 2781
Delta R.T. -0.003 min
Lab File: BN019986.D
Acq: 27 May 2022 00:29

Tgt Ion:252 Resp: 16497

Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.0	27.0
125	13.0	11.0	16.4



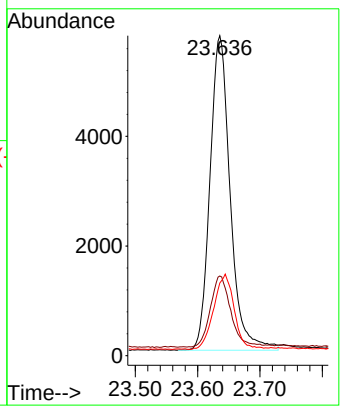


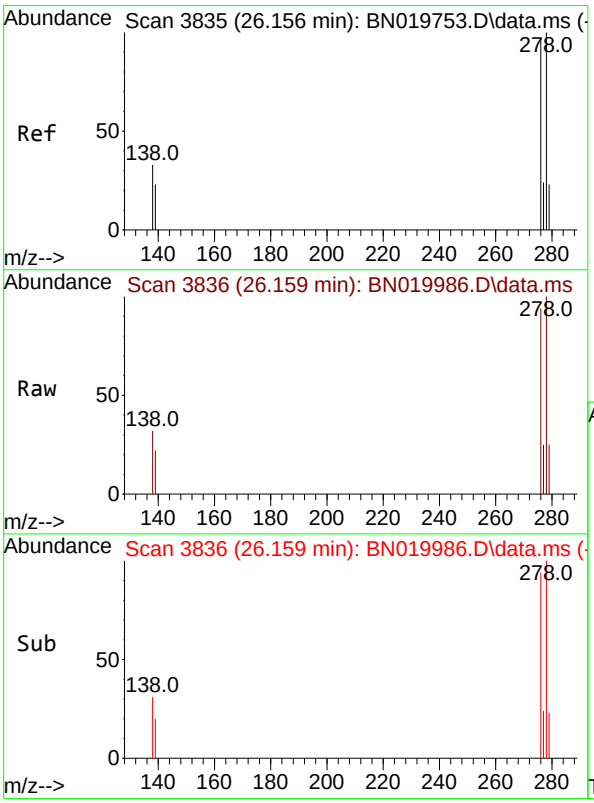
#39
Benzo(a)pyrene
Concen: 0.373 ng
RT: 23.636 min Scan# 2
Delta R.T. -0.003 min
Lab File: BN019986.D
Acq: 27 May 2022 00:29

Instrument :
BNA_N
ClientSampleId :
PB145066BSD

Tgt Ion:252 Resp: 12954

Ion	Ratio	Lower	Upper
252	100		
253	24.9	19.0	28.4
125	22.7	13.8	20.8#

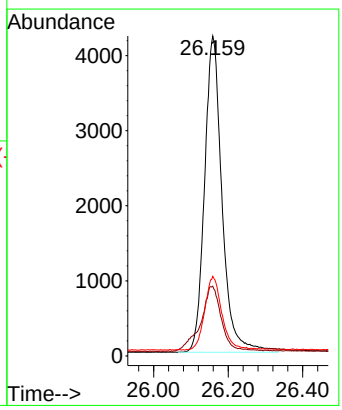


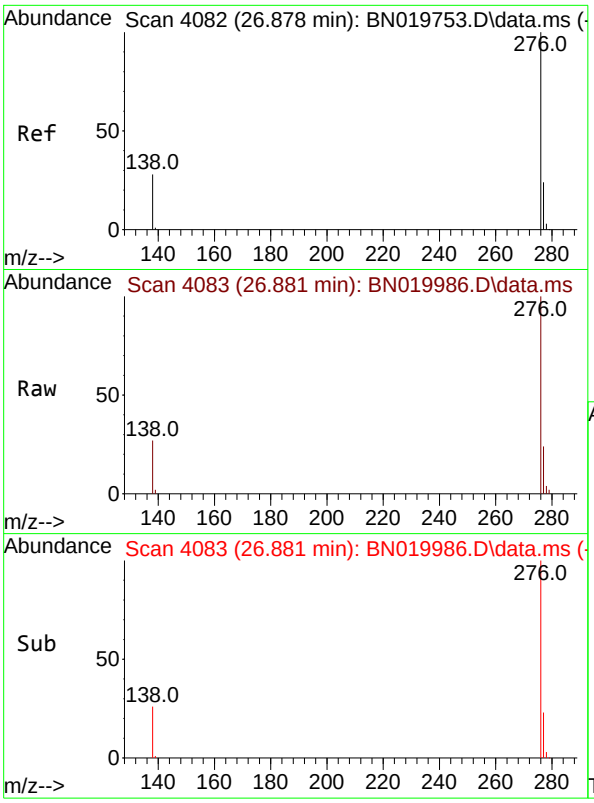


#40
Dibenzo(a,h)anthracene
Concen: 0.360 ng
RT: 26.159 min Scan# 3836
Delta R.T. -0.003 min
Lab File: BN019986.D
Acq: 27 May 2022 00:29

Tgt Ion:278 Resp: 13728

Ion	Ratio	Lower	Upper
278	100		
139	21.8	18.6	28.0
279	24.9	19.7	29.5





#41
Benzo(g,h,i)perylene
Concen: 0.355 ng
RT: 26.881 min Scan# 4
Delta R.T. 0.003 min
Lab File: BN019986.D
Acq: 27 May 2022 00:29

Instrument :
BNA_N
ClientSampleId :
PB145066BSD

Tgt Ion:276 Resp: 13939

Ion	Ratio	Lower	Upper
276	100		
277	24.2	19.5	29.3
138	27.4	22.6	34.0