Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN033122\
Data File : BN019286.D
Acq On : 01 Apr 2022 14:19
Operator : CG/JU
Sample : N2220-05MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A03015MS

Quant Time: Apr 01 16:42:04 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN033122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 31 12:41:03 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.833	152	5243	0.400	ng	0.00
7) Naphthalene-d8	10.637	136	15258	0.400	ng	0.00
13) Acenaphthene-d10	14.474	164	9218	0.400	ng	0.00
19) Phenanthrene-d10	17.215	188	18144	0.400	ng	# 0.00
29) Chrysene-d12	21.404	240	12855	0.400	ng	# 0.00
35) Perylene-d12	23.764	264	11094	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.392	112	3853	0.336	ng	0.00
5) Phenol-d6	6.995	99	4263	0.350	ng	0.00
8) Nitrobenzene-d5	8.993	82	3063	0.280	ng	0.00
11) 2-Methylnaphthalene-d10	12.227	152	8052	0.332	ng	0.00
14) 2,4,6-Tribromophenol	15.964	330	1168	0.271	ng	0.00
15) 2-Fluorobiphenyl	13.095	172	11145	0.301	ng	-0.01
27) Fluoranthene-d10	19.244	212	18859	0.346	ng	0.00
31) Terphenyl-d14	19.843	244	10025	0.351	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.225	88	1852	0.266	ng	# 69
3) n-Nitrosodimethylamine	3.550	42	3179	0.437	ng	# 93
6) bis(2-Chloroethyl)ether	7.248	93	6044	0.416	ng	98
9) Naphthalene	10.680	128	18631	0.421	ng	99
10) Hexachlorobutadiene	10.979	225	3721	0.360	ng	# 100
12) 2-Methylnaphthalene	12.299	142	12560	0.440	ng	98
16) Acenaphthylene	14.185	152	17932	0.422	ng	99
17) Acenaphthene	14.527	154	11981	0.396	ng	99
18) Fluorene	15.522	166	14842	0.393	ng	99
20) 4,6-Dinitro-2-methylph...	15.607	198	715	0.320	ng	# 76
21) 4-Bromophenyl-phenylether	16.405	248	4667	0.401	ng	# 86
22) Hexachlorobenzene	16.528	284	5882	0.388	ng	99
23) Atrazine	16.672	200	3254	0.408	ng	98
24) Pentachlorophenol	16.877	266	1844	0.423	ng	99
25) Phenanthrene	17.256	178	33584	0.588	ng	100
26) Anthracene	17.349	178	21096	0.447	ng	98
28) Fluoranthene	19.274	202	42882	0.629	ng	99
30) Pyrene	19.636	202	42842	0.675	ng	100
32) Benzo(a)anthracene	21.387	228	23098	0.573	ng	100
33) Chrysene	21.440	228	25083	0.487	ng	99
34) Bis(2-ethylhexyl)phtha...	21.315	149	16798	0.624	ng	# 100
36) Indeno(1,2,3-cd)pyrene	26.205	276	17824	0.393	ng	92
37) Benzo(b)fluoranthene	23.048	252	22051	0.535	ng	# 93
38) Benzo(k)fluoranthene	23.092	252	19482	0.438	ng	# 91
39) Benzo(a)pyrene	23.659	252	19261	0.514	ng	# 93
40) Dibenzo(a,h)anthracene	26.220	278	13646	0.412	ng	# 91
41) Benzo(g,h,i)perylene	26.948	276	19113	0.413	ng	98

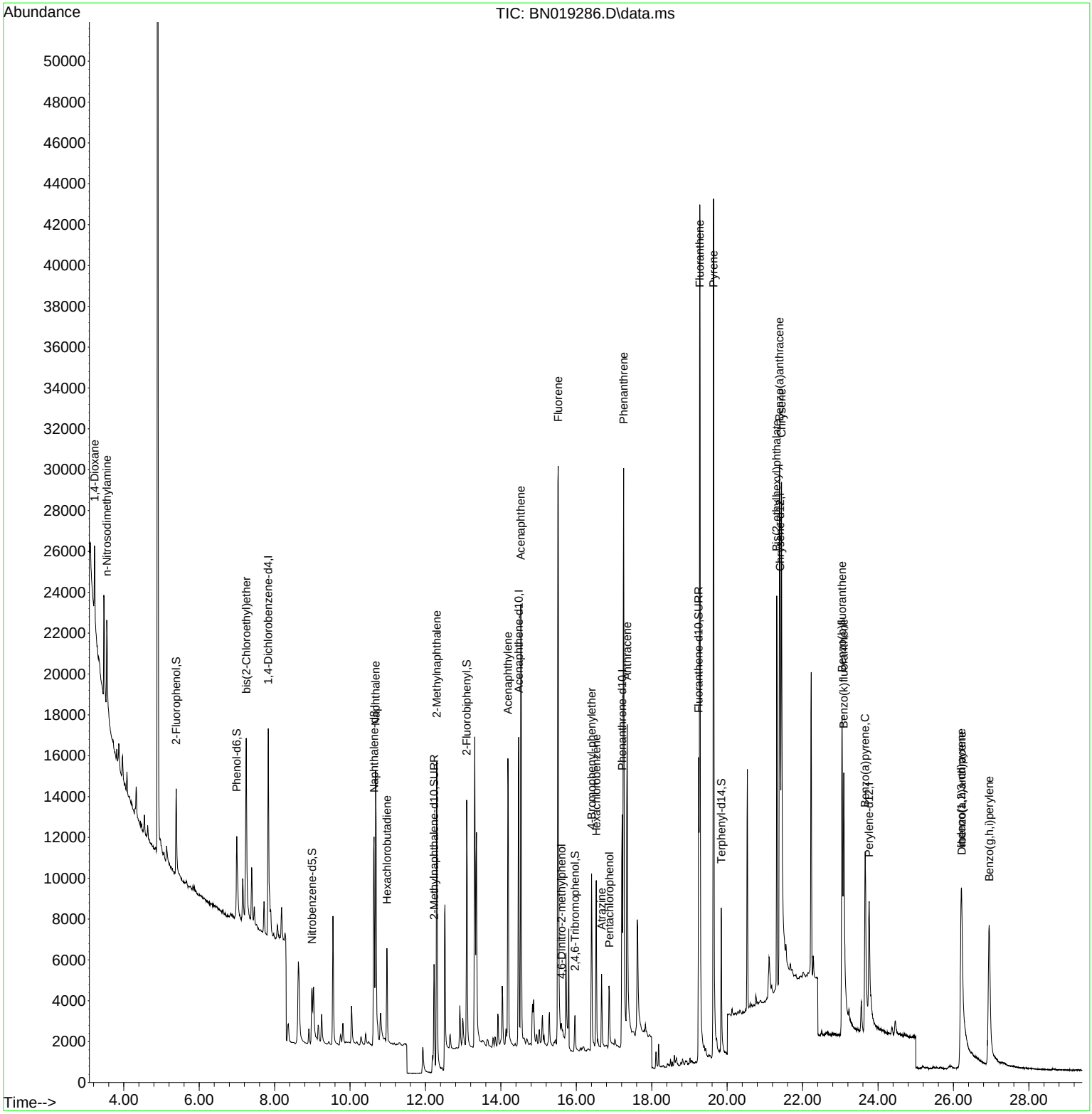
(#) = qualifier out of range (m) = manual integration (+) = signals summed

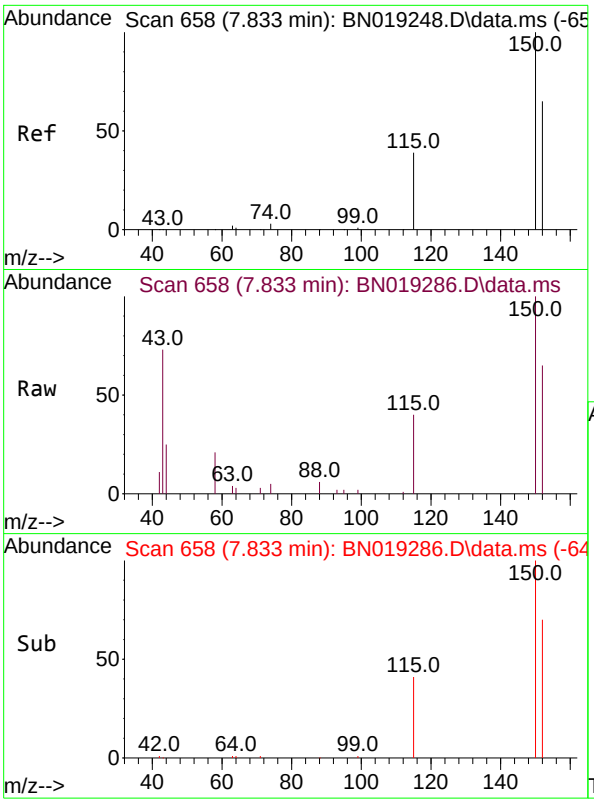
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN033122\
Data File : BN019286.D
Acq On : 01 Apr 2022 14:19
Operator : CG/JU
Sample : N2220-05MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A03015MS

Quant Time: Apr 01 16:42:04 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN033122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 31 12:41:03 2022
Response via : Initial Calibration



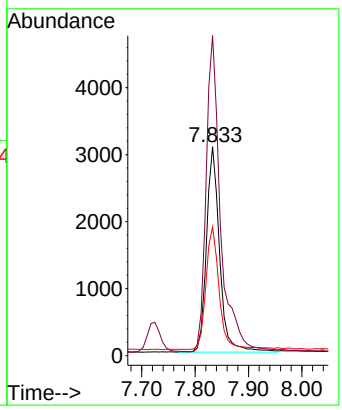


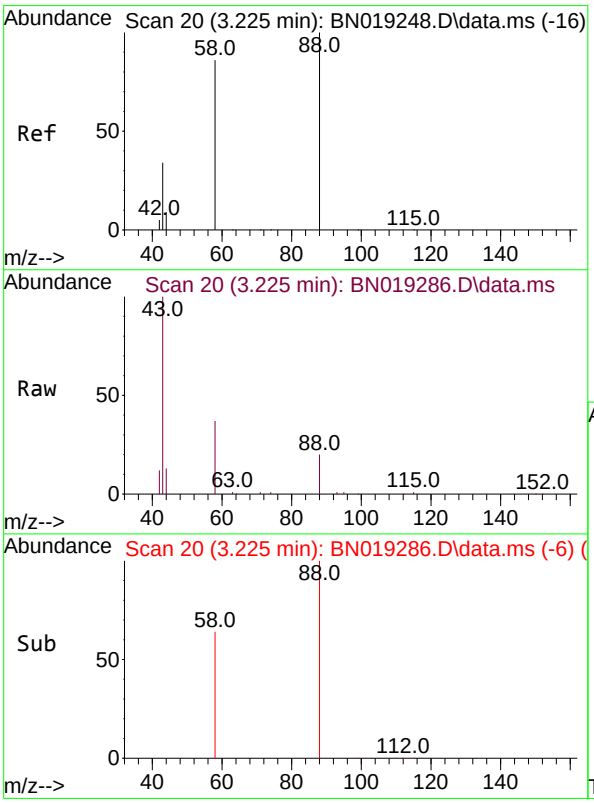
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.833 min Scan# 6
Delta R.T. -0.000 min
Lab File: BN019286.D
Acq: 01 Apr 2022 14:19

Instrument :
BNA_N
ClientSampleId :
A03015MS

Tgt Ion:152 Resp: 5243

Ion	Ratio	Lower	Upper
152	100		
150	153.1	123.9	185.9
115	61.6	48.2	72.4

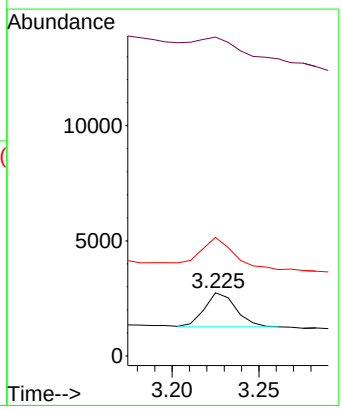


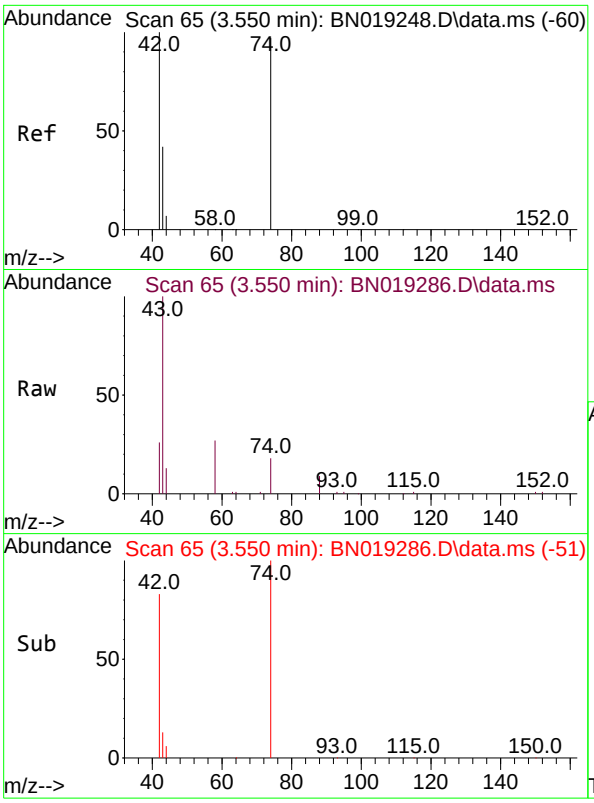


#2
1,4-Dioxane
Concen: 0.266 ng
RT: 3.225 min Scan# 20
Delta R.T. 0.000 min
Lab File: BN019286.D
Acq: 01 Apr 2022 14:19

Tgt Ion: 88 Resp: 1852

Ion	Ratio	Lower	Upper
88	100		
43	0.0	24.6	37.0#
58	101.0	65.4	98.2#



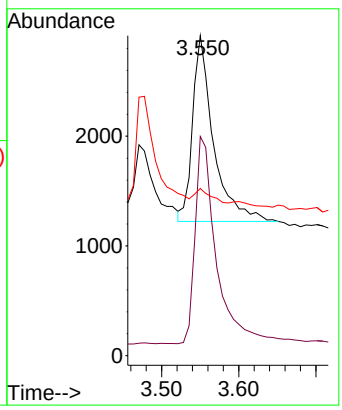


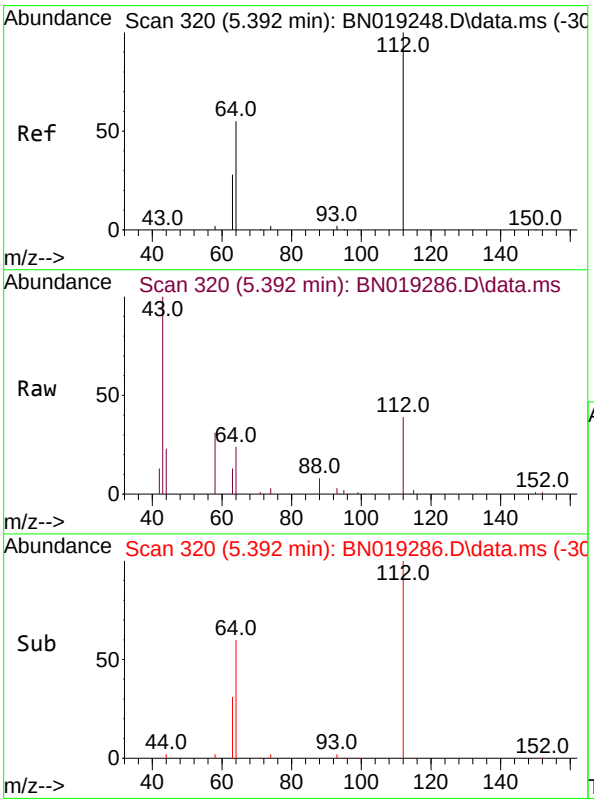
#3
n-Nitrosodimethylamine
Concen: 0.437 ng
RT: 3.550 min Scan# 6
Delta R.T. 0.000 min
Lab File: BN019286.D
Acq: 01 Apr 2022 14:19

Instrument :
BNA_N
ClientSampleId :
A03015MS

Tgt Ion: 42 Resp: 3179

Ion	Ratio	Lower	Upper
42	100		
74	113.3	96.9	145.3
44	5.6	7.3	10.9#

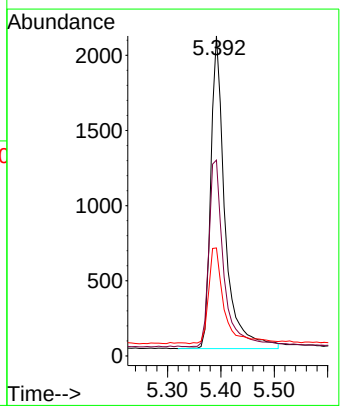


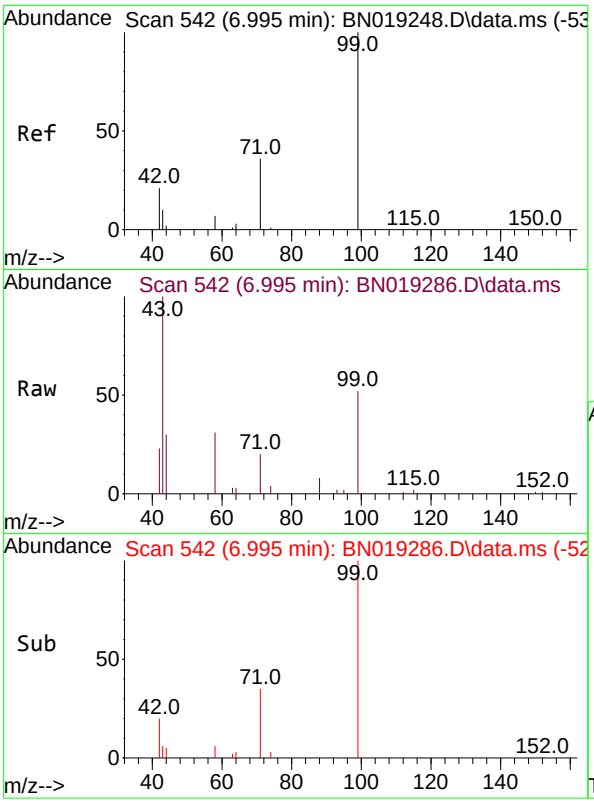


#4
2-Fluorophenol
Concen: 0.336 ng
RT: 5.392 min Scan# 320
Delta R.T. 0.000 min
Lab File: BN019286.D
Acq: 01 Apr 2022 14:19

Tgt Ion:112 Resp: 3853

Ion	Ratio	Lower	Upper
112	100		
64	63.2	47.8	71.8
63	33.7	25.7	38.5



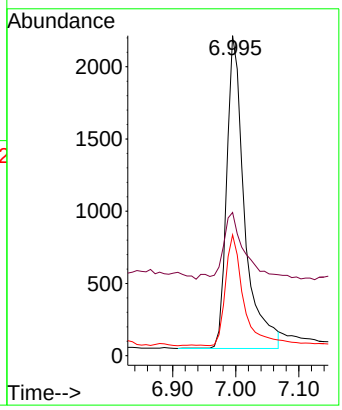


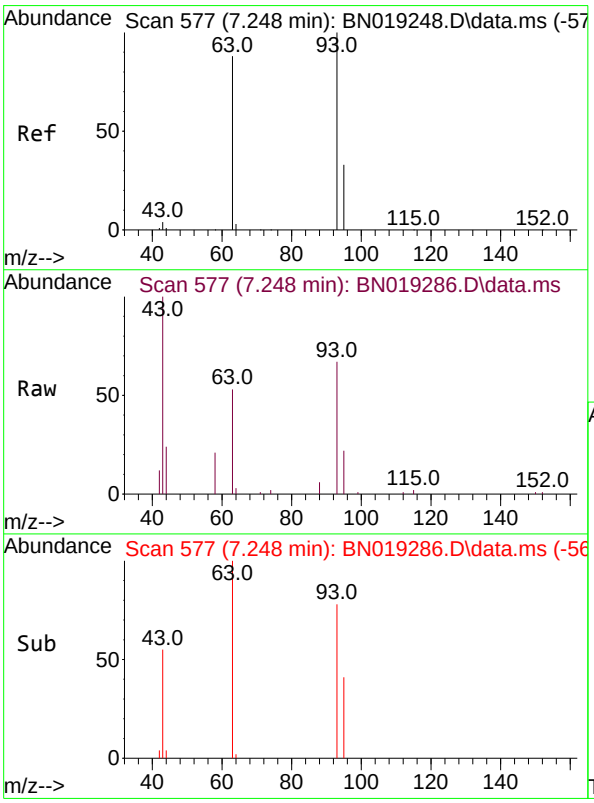
#5
Phenol-d6
Concen: 0.350 ng
RT: 6.995 min Scan# 54
Delta R.T. 0.000 min
Lab File: BN019286.D
Acq: 01 Apr 2022 14:19

Instrument :
BNA_N
ClientSampleId :
A03015MS

Tgt Ion: 99 Resp: 4263

Ion	Ratio	Lower	Upper
99	100		
42	25.0	16.2	24.4#
71	35.2	27.7	41.5

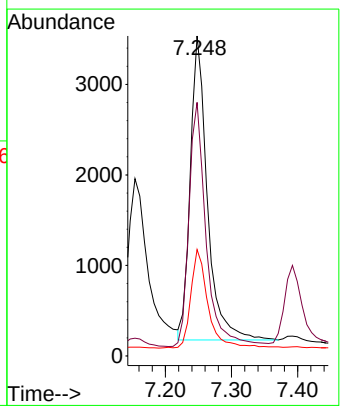


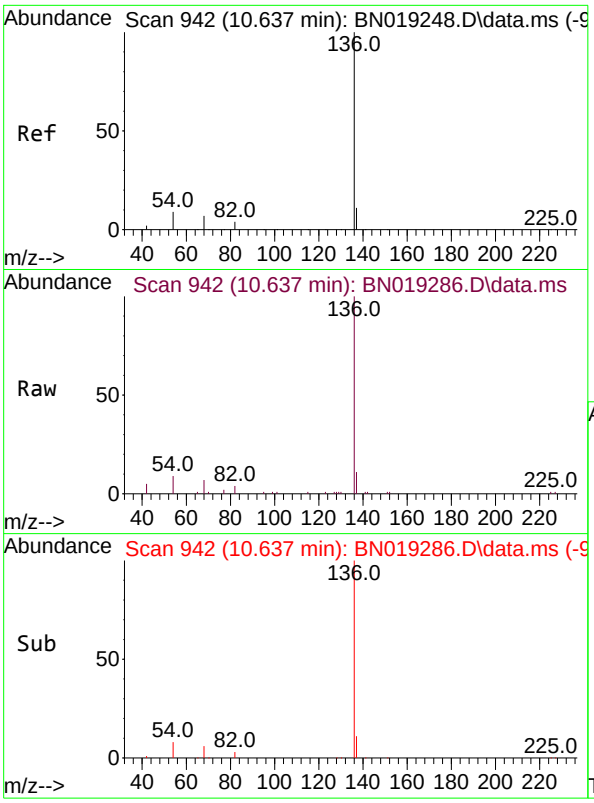


#6
bis(2-Chloroethyl)ether
Concen: 0.416 ng
RT: 7.248 min Scan# 577
Delta R.T. 0.000 min
Lab File: BN019286.D
Acq: 01 Apr 2022 14:19

Tgt Ion: 93 Resp: 6044

Ion	Ratio	Lower	Upper
93	100		
63	81.4	62.8	94.2
95	33.0	26.2	39.4



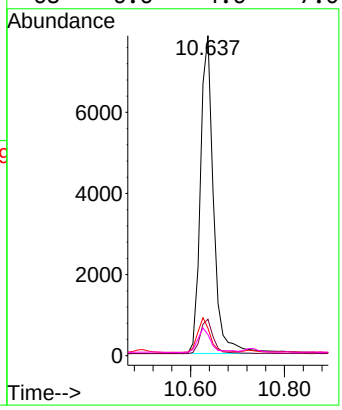


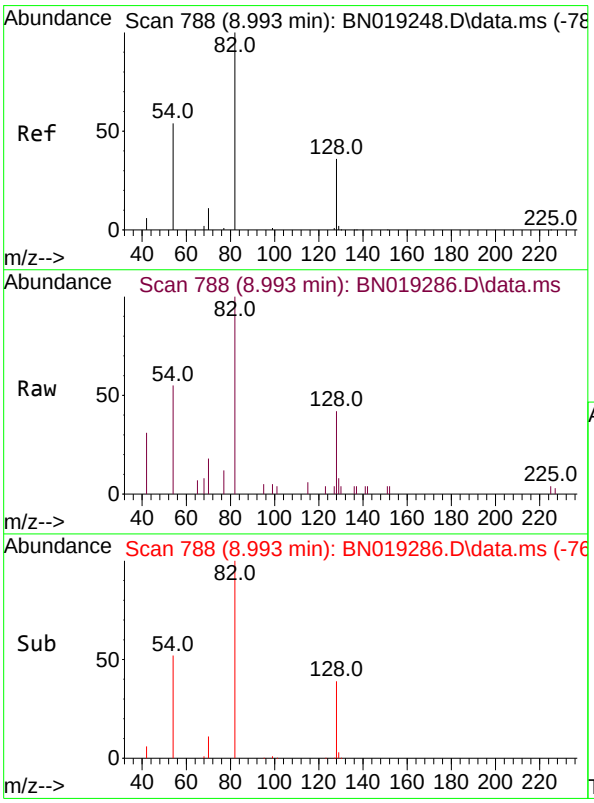
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.637 min Scan# 94
Delta R.T. 0.000 min
Lab File: BN019286.D
Acq: 01 Apr 2022 14:19

Instrument :
BNA_N
ClientSampleId :
A03015MS

Tgt Ion:136 Resp: 15258

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.0	13.4
54	8.6	5.8	8.6
68	6.6	4.6	7.0

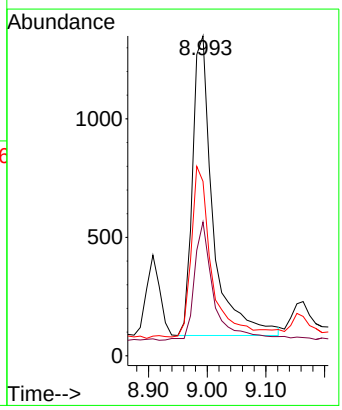


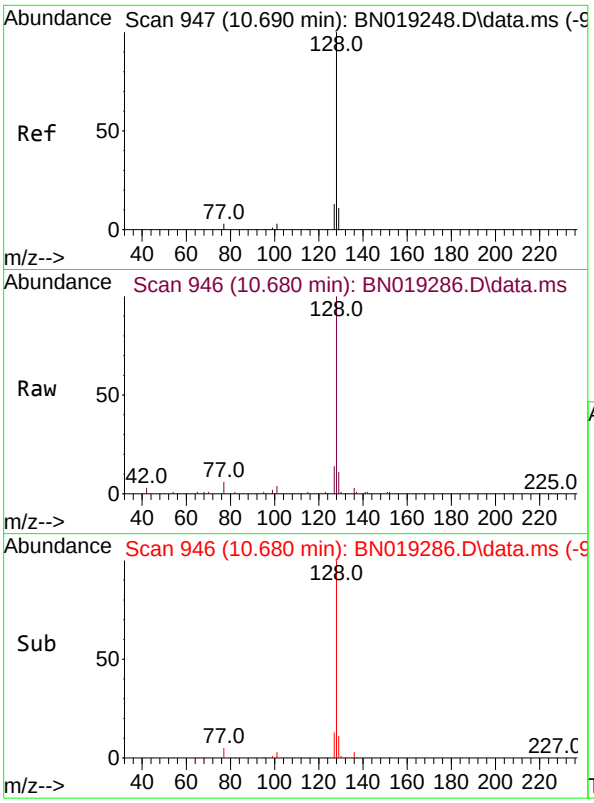


#8
Nitrobenzene-d5
Concen: 0.280 ng
RT: 8.993 min Scan# 788
Delta R.T. 0.000 min
Lab File: BN019286.D
Acq: 01 Apr 2022 14:19

Tgt Ion: 82 Resp: 3063

Ion	Ratio	Lower	Upper
82	100		
128	41.9	33.0	49.6
54	54.5	42.5	63.7



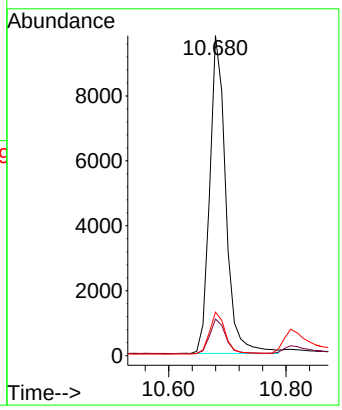


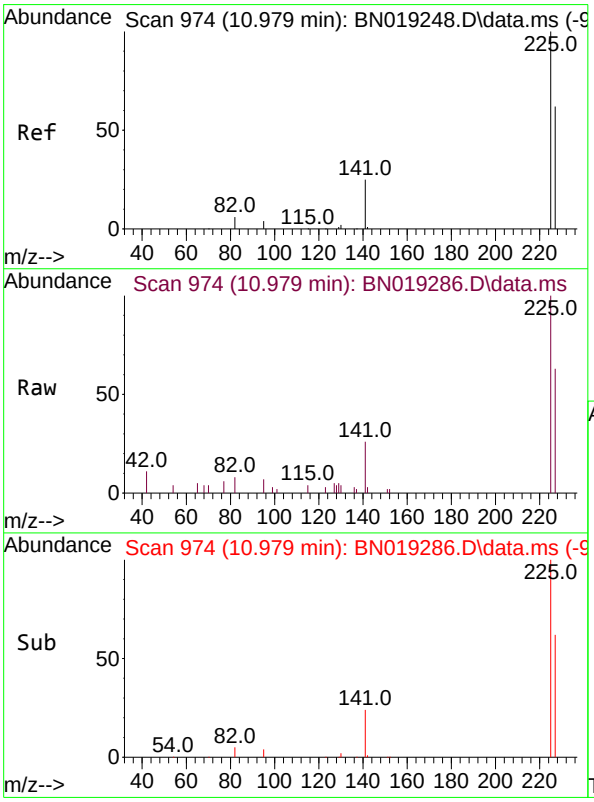
#9
Naphthalene
Concen: 0.421 ng
RT: 10.680 min Scan# 94
Delta R.T. -0.011 min
Lab File: BN019286.D
Acq: 01 Apr 2022 14:19

Instrument :
BNA_N
ClientSampleId :
A03015MS

Tgt Ion:128 Resp: 18631

Ion	Ratio	Lower	Upper
128	100		
129	11.4	9.0	13.4
127	13.6	10.7	16.1

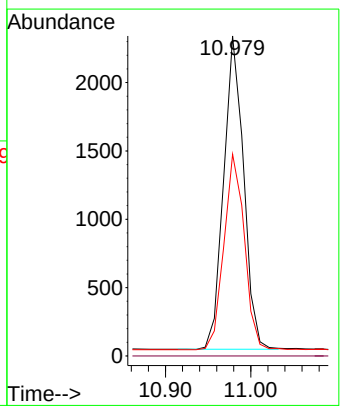


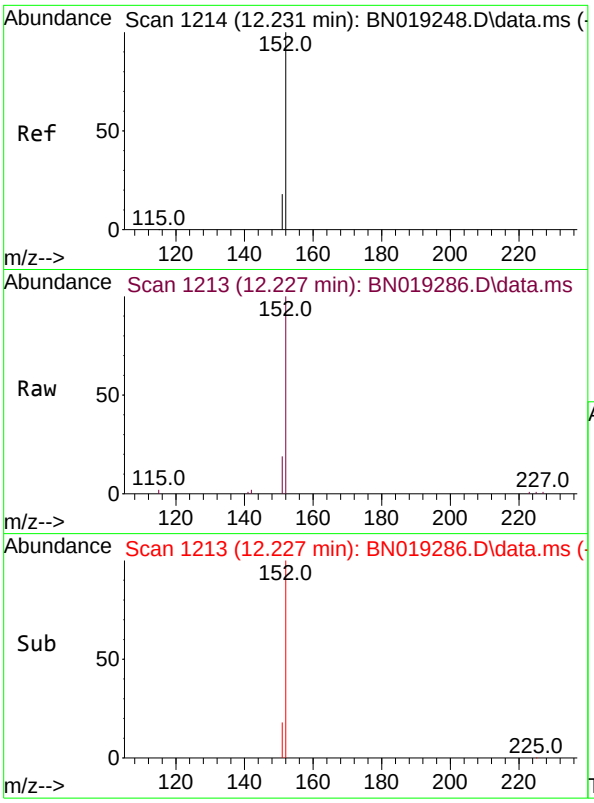


#10
Hexachlorobutadiene
Concen: 0.360 ng
RT: 10.979 min Scan# 974
Delta R.T. 0.000 min
Lab File: BN019286.D
Acq: 01 Apr 2022 14:19

Tgt Ion:225 Resp: 3721

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.8	51.0	76.6



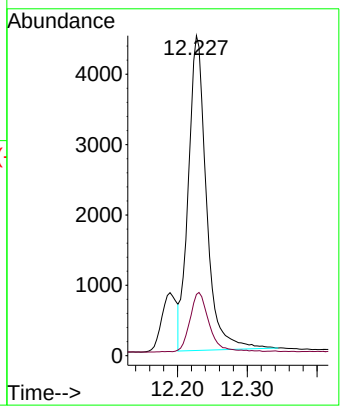


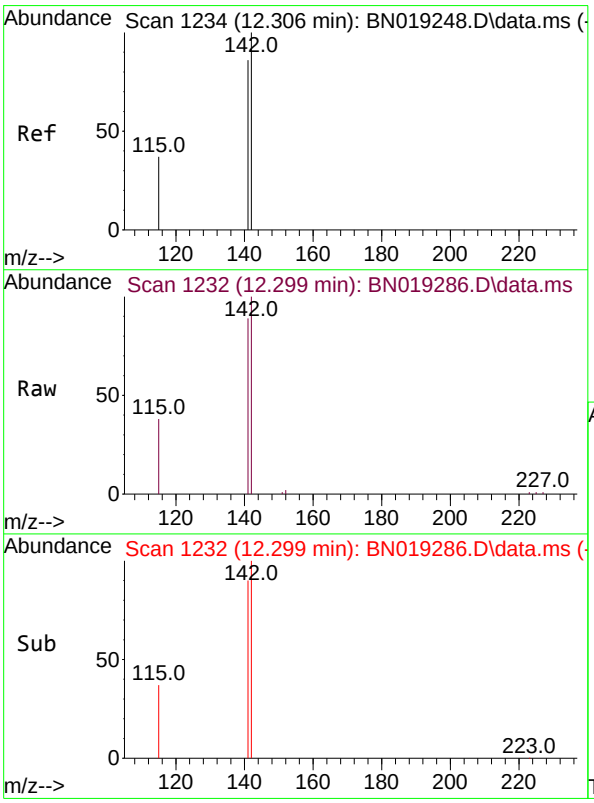
#11
2-Methylnaphthalene-d10
Concen: 0.332 ng
RT: 12.227 min Scan# 1
Delta R.T. -0.004 min
Lab File: BN019286.D
Acq: 01 Apr 2022 14:19

Instrument :
BNA_N
ClientSampleId :
A03015MS

Tgt Ion:152 Resp: 8052

Ion	Ratio	Lower	Upper
152	100		
151	20.6	16.5	24.7

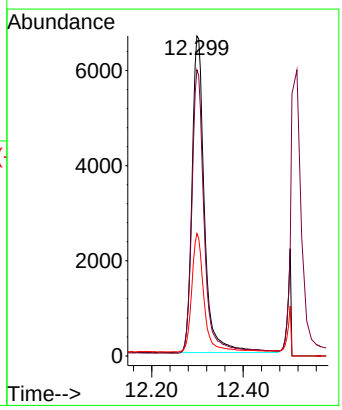


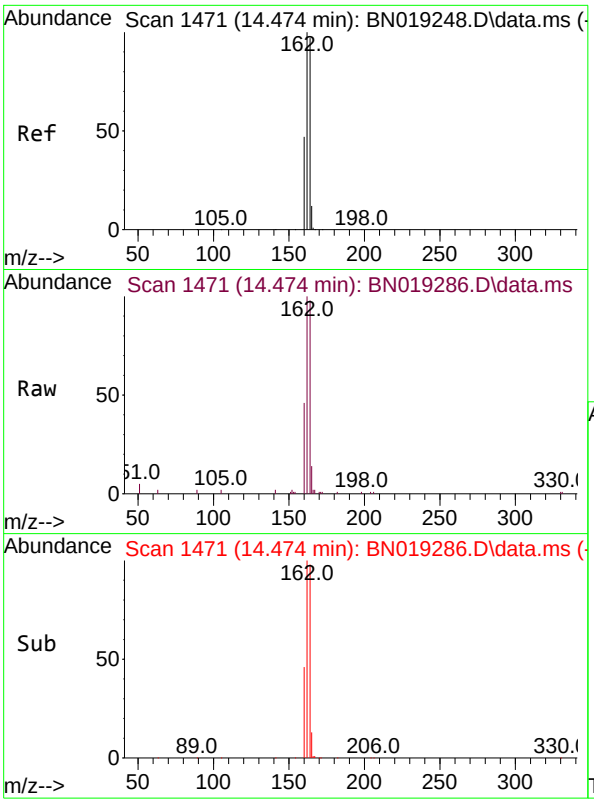


#12
2-Methylnaphthalene
Concen: 0.440 ng
RT: 12.299 min Scan# 1232
Delta R.T. -0.008 min
Lab File: BN019286.D
Acq: 01 Apr 2022 14:19

Tgt Ion:142 Resp: 12560

Ion	Ratio	Lower	Upper
142	100		
141	89.4	70.0	105.0
115	38.2	29.8	44.8



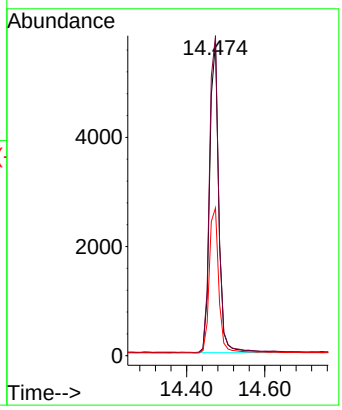


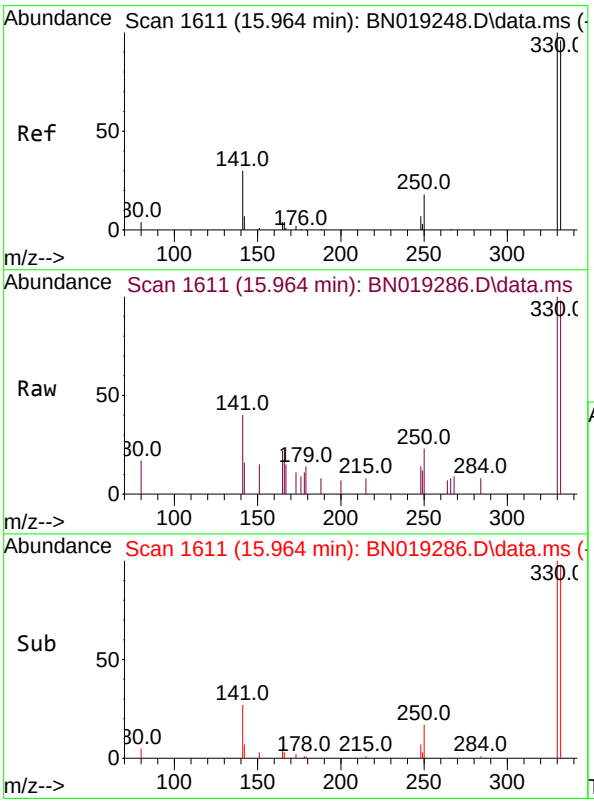
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.474 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN019286.D
Acq: 01 Apr 2022 14:19

Instrument :
BNA_N
ClientSampleId :
A03015MS

Tgt Ion:164 Resp: 9218

Ion	Ratio	Lower	Upper
164	100		
162	102.1	85.2	127.8
160	47.1	41.5	62.3

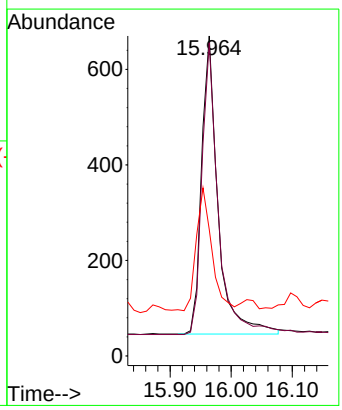


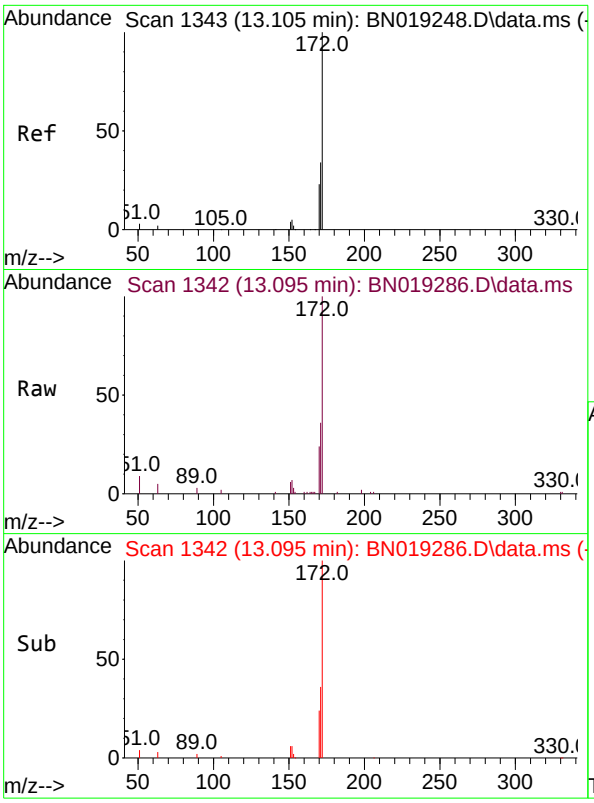


#14
2,4,6-Tribromophenol
Concen: 0.271 ng
RT: 15.964 min Scan# 1611
Delta R.T. 0.000 min
Lab File: BN019286.D
Acq: 01 Apr 2022 14:19

Tgt Ion:330 Resp: 1168

Ion	Ratio	Lower	Upper
330	100		
332	97.2	76.8	115.2
141	38.3	32.2	48.2



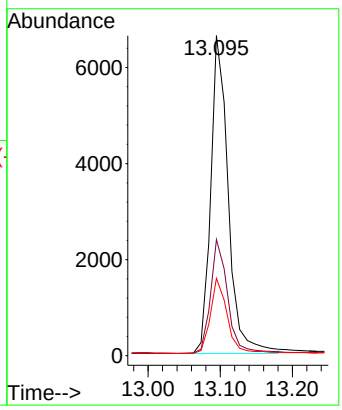


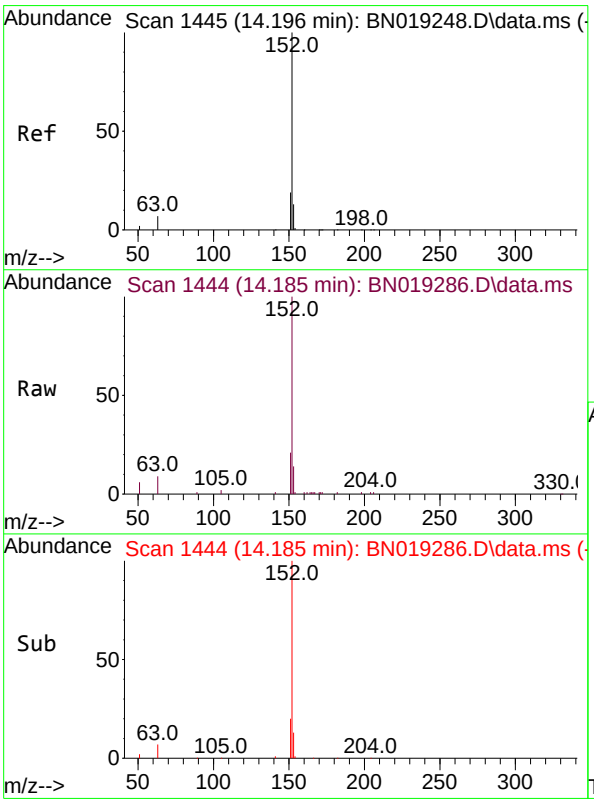
#15
2-Fluorobiphenyl
Concen: 0.301 ng
RT: 13.095 min Scan# 1
Delta R.T. -0.011 min
Lab File: BN019286.D
Acq: 01 Apr 2022 14:19

Instrument :
BNA_N
ClientSampleId :
A03015MS

Tgt Ion:172 Resp: 11145

Ion	Ratio	Lower	Upper
172	100		
171	36.3	28.2	42.2
170	24.2	18.7	28.1

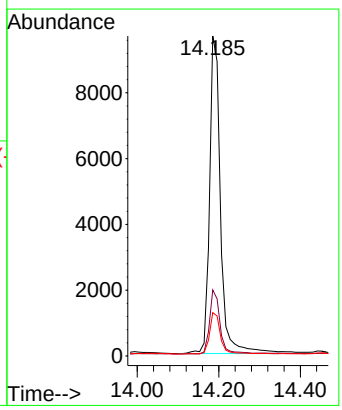


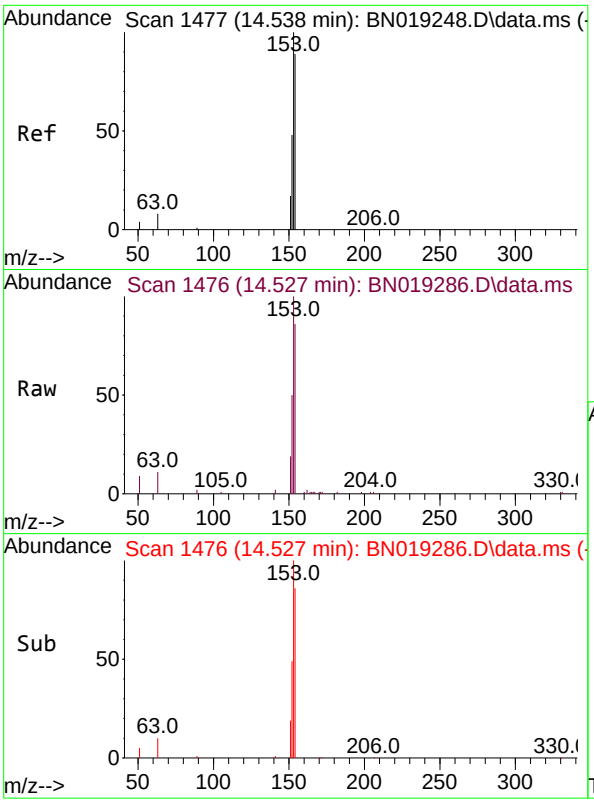


#16
Acenaphthylene
Concen: 0.422 ng
RT: 14.185 min Scan# 1444
Delta R.T. -0.011 min
Lab File: BN019286.D
Acq: 01 Apr 2022 14:19

Tgt Ion:152 Resp: 17932

Ion	Ratio	Lower	Upper
152	100		
151	19.3	15.9	23.9
153	13.3	10.6	15.8



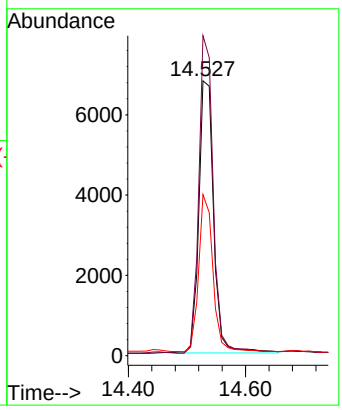


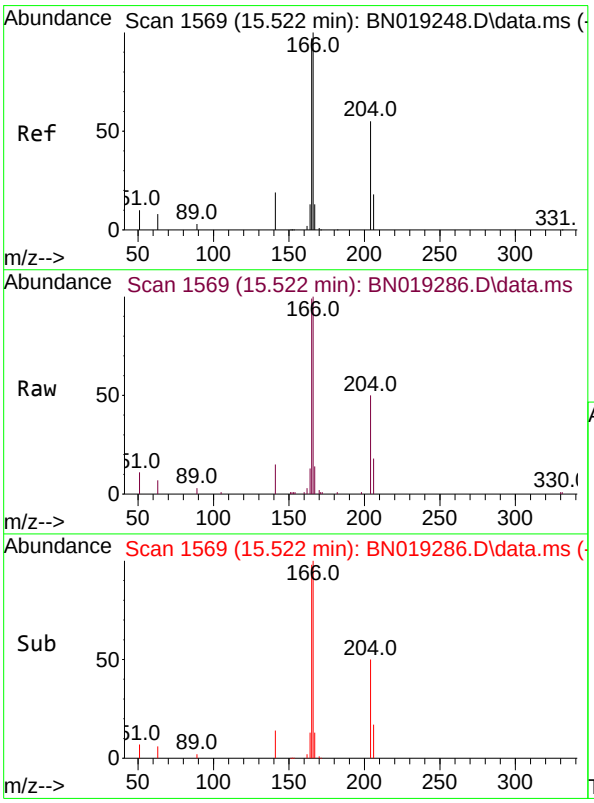
#17
Acenaphthene
Concen: 0.396 ng
RT: 14.527 min Scan# 14
Delta R.T. -0.011 min
Lab File: BN019286.D
Acq: 01 Apr 2022 14:19

Instrument :
BNA_N
ClientSampleId :
A03015MS

Tgt Ion:154 Resp: 11981

Ion	Ratio	Lower	Upper
154	100		
153	113.7	89.7	134.5
152	55.0	44.7	67.1

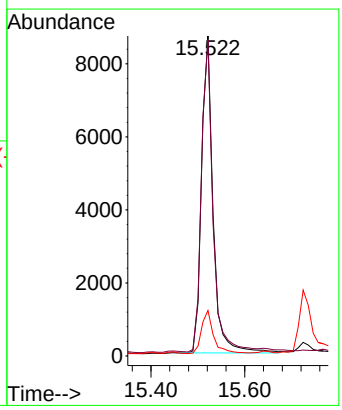


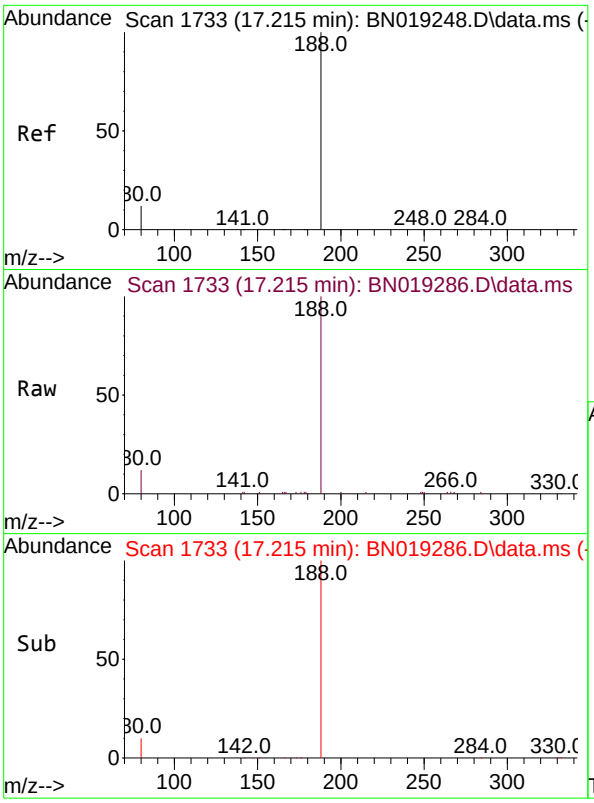


#18
Fluorene
Concen: 0.393 ng
RT: 15.522 min Scan# 1569
Delta R.T. 0.000 min
Lab File: BN019286.D
Acq: 01 Apr 2022 14:19

Tgt Ion:166 Resp: 14842

Ion	Ratio	Lower	Upper
166	100		
165	100.0	79.2	118.8
167	14.2	10.7	16.1



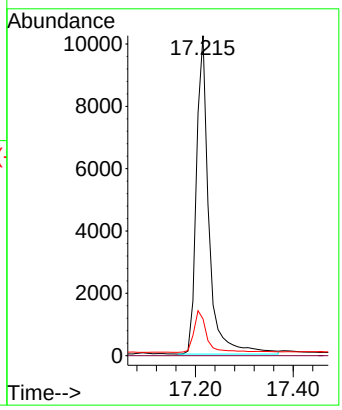


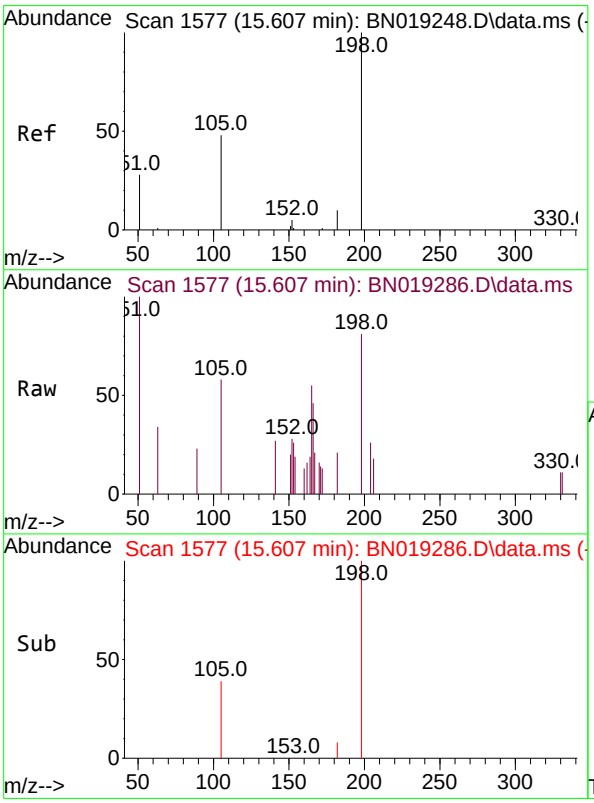
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.215 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN019286.D
Acq: 01 Apr 2022 14:19

Instrument :
BNA_N
ClientSampleId :
A03015MS

Tgt Ion:188 Resp: 18144

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	11.5	11.8	17.8#

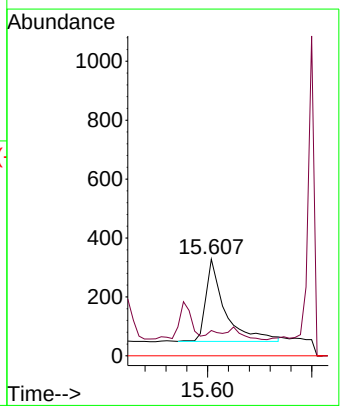


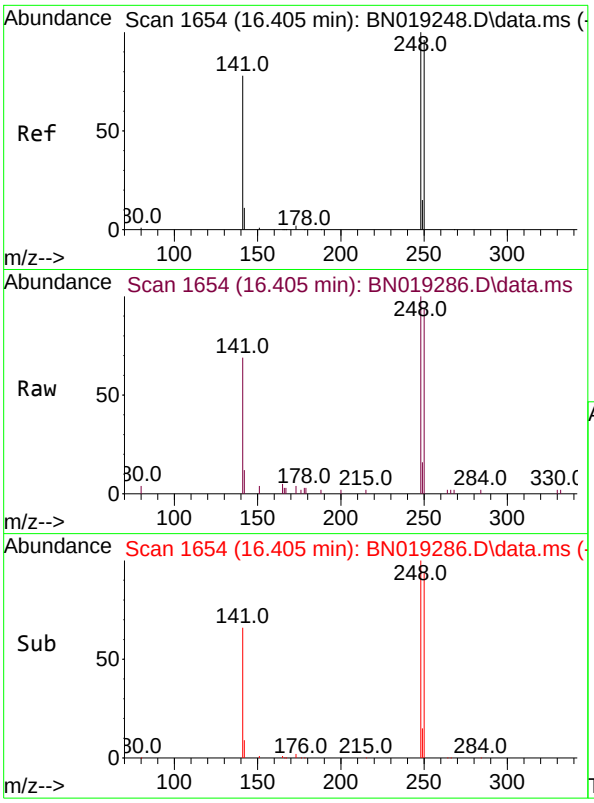


#20
4,6-Dinitro-2-methylphenol
Concen: 0.320 ng
RT: 15.607 min Scan# 1577
Delta R.T. 0.000 min
Lab File: BN019286.D
Acq: 01 Apr 2022 14:19

Tgt Ion:198 Resp: 715

Ion	Ratio	Lower	Upper
198	100		
182	26.2	13.0	19.4#
77	0.0	0.0	0.0



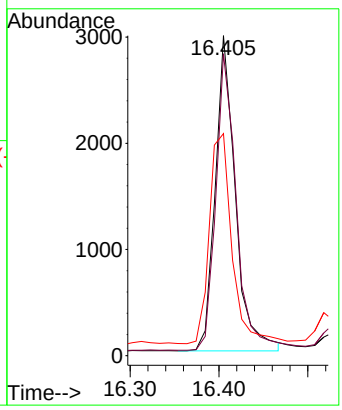


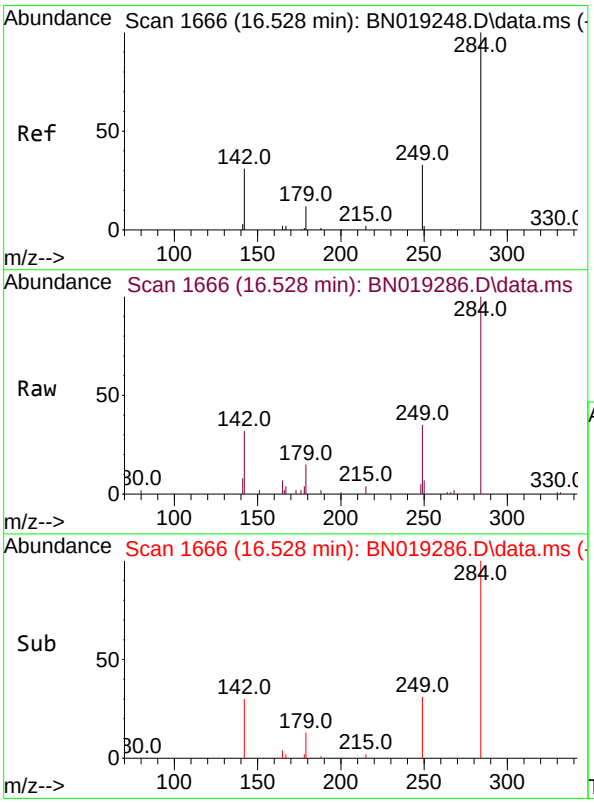
#21
4-Bromophenyl-phenylether
Concen: 0.401 ng
RT: 16.405 min Scan# 1(
Delta R.T. 0.000 min
Lab File: BN019286.D
Acq: 01 Apr 2022 14:19

Instrument :
BNA_N
ClientSampleId :
A03015MS

Tgt Ion:248 Resp: 4667

Ion	Ratio	Lower	Upper
248	100		
250	94.4	80.7	121.1
141	69.4	39.6	59.4#

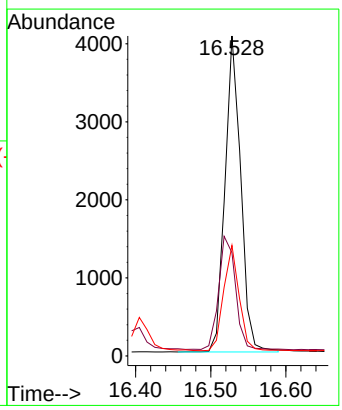


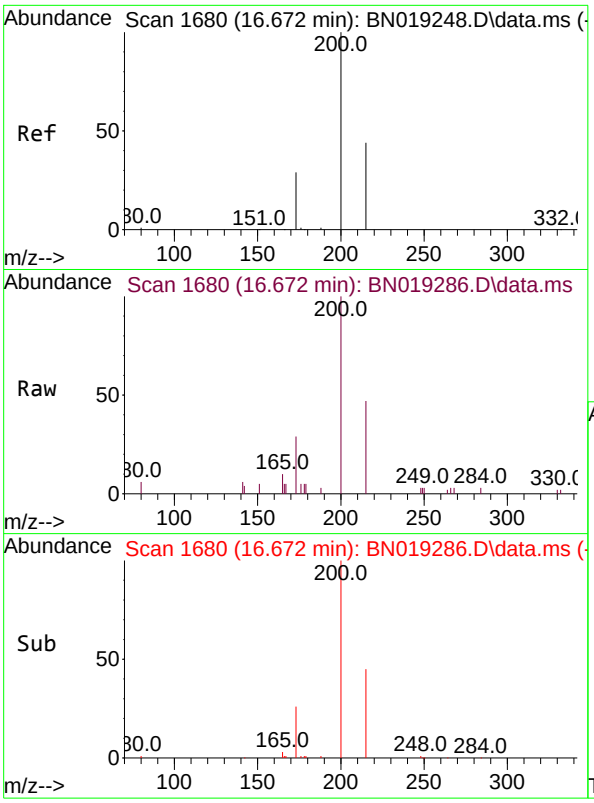


#22
Hexachlorobenzene
Concen: 0.388 ng
RT: 16.528 min Scan# 1666
Delta R.T. 0.000 min
Lab File: BN019286.D
Acq: 01 Apr 2022 14:19

Tgt Ion:284 Resp: 5882

Ion	Ratio	Lower	Upper
284	100		
142	37.9	29.8	44.8
249	32.8	26.2	39.2



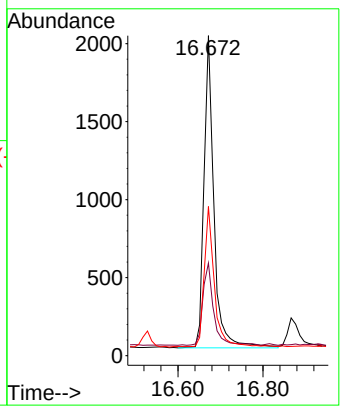


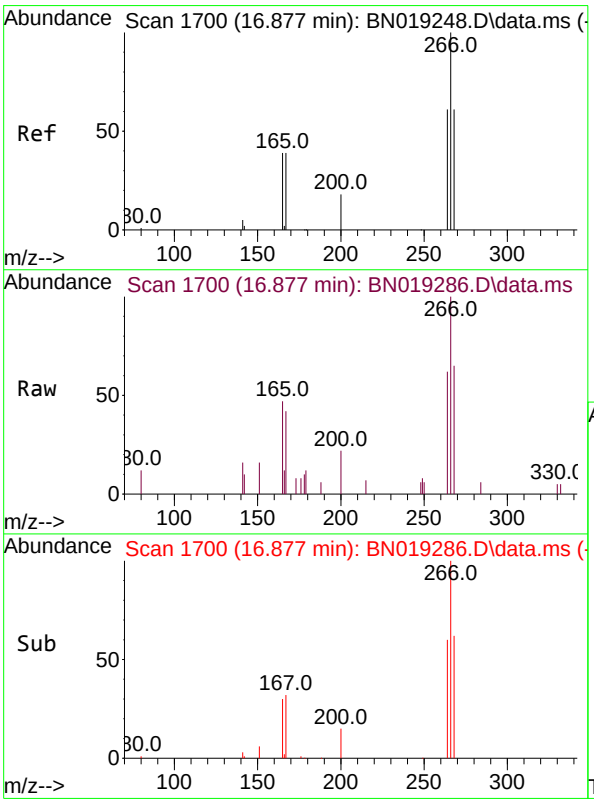
#23
Atrazine
Concen: 0.408 ng
RT: 16.672 min Scan# 1(
Delta R.T. 0.000 min
Lab File: BN019286.D
Acq: 01 Apr 2022 14:19

Instrument :
BNA_N
ClientSampleId :
A03015MS

Tgt Ion:200 Resp: 3254

Ion	Ratio	Lower	Upper
200	100		
173	28.9	23.9	35.9
215	46.6	36.6	54.8

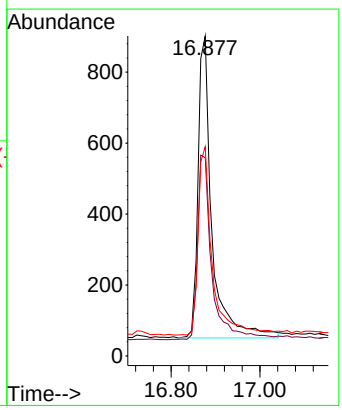


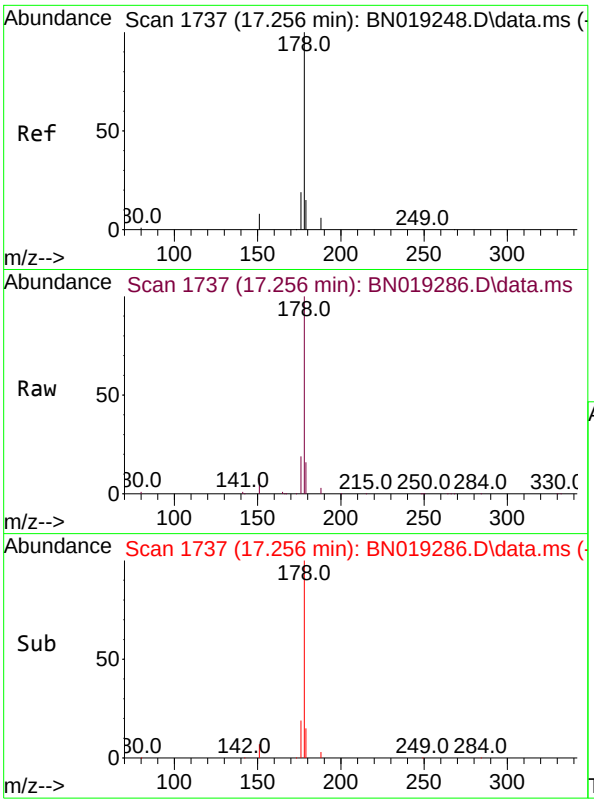


#24
Pentachlorophenol
Concen: 0.423 ng
RT: 16.877 min Scan# 1700
Delta R.T. -0.000 min
Lab File: BN019286.D
Acq: 01 Apr 2022 14:19

Tgt Ion:266 Resp: 1844

Ion	Ratio	Lower	Upper
266	100		
264	63.1	50.2	75.4
268	63.9	51.9	77.9



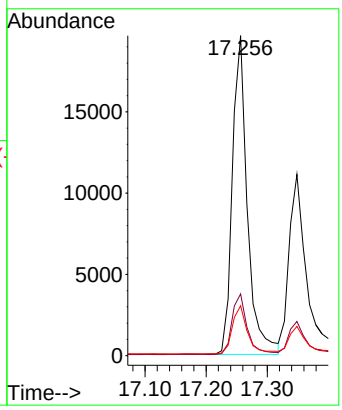


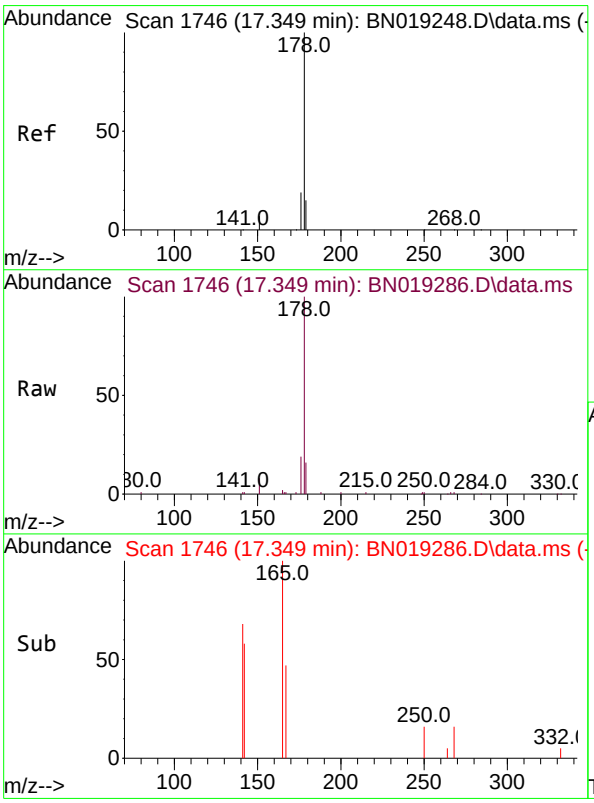
#25
Phenanthrene
Concen: 0.588 ng
RT: 17.256 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN019286.D
Acq: 01 Apr 2022 14:19

Instrument :
BNA_N
ClientSampleId :
A03015MS

Tgt Ion:178 Resp: 33584

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.4	23.0
179	15.5	12.2	18.2

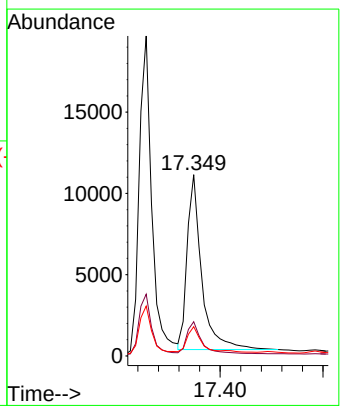


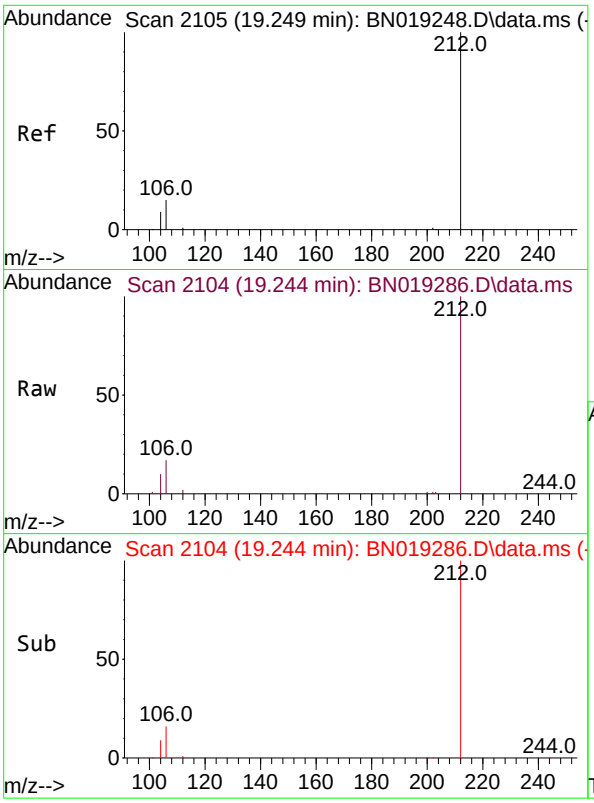


#26
Anthracene
Concen: 0.447 ng
RT: 17.349 min Scan# 1746
Delta R.T. 0.000 min
Lab File: BN019286.D
Acq: 01 Apr 2022 14:19

Tgt Ion:178 Resp: 21096

Ion	Ratio	Lower	Upper
178	100		
176	18.2	14.8	22.2
179	14.1	12.2	18.4



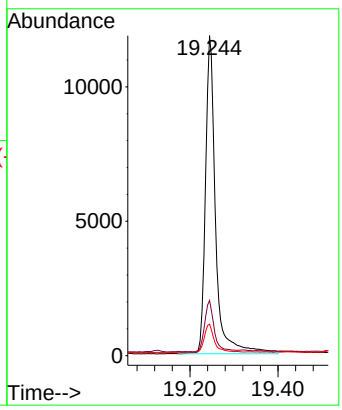


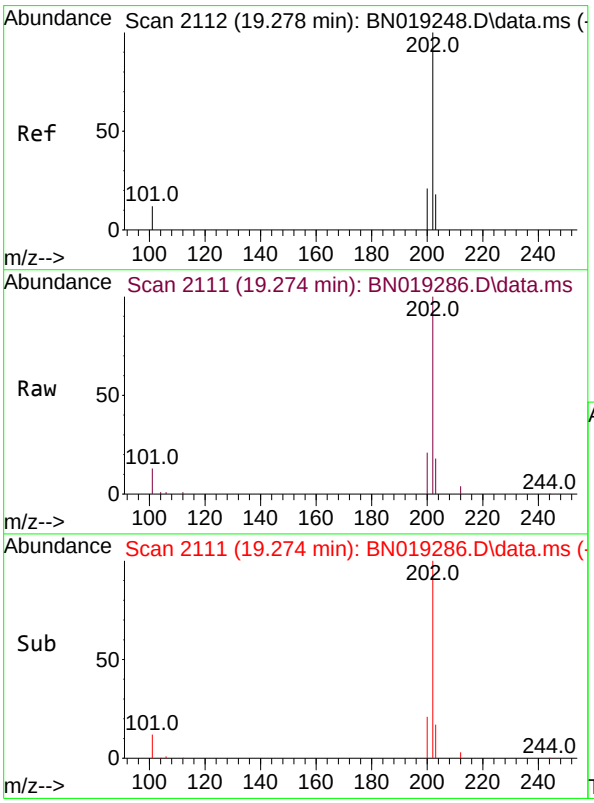
#27
Fluoranthene-d10
Concen: 0.346 ng
RT: 19.244 min Scan# 21
Delta R.T. -0.004 min
Lab File: BN019286.D
Acq: 01 Apr 2022 14:19

Instrument :
BNA_N
ClientSampleId :
A03015MS

Tgt Ion:212 Resp: 18859

Ion	Ratio	Lower	Upper
212	100		
106	15.2	12.7	19.1
104	9.2	7.1	10.7

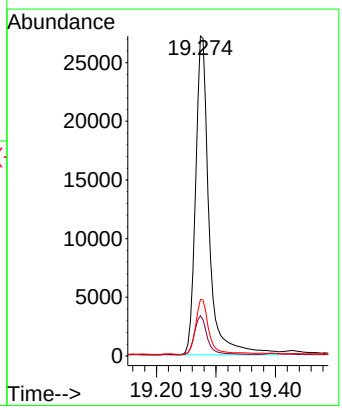


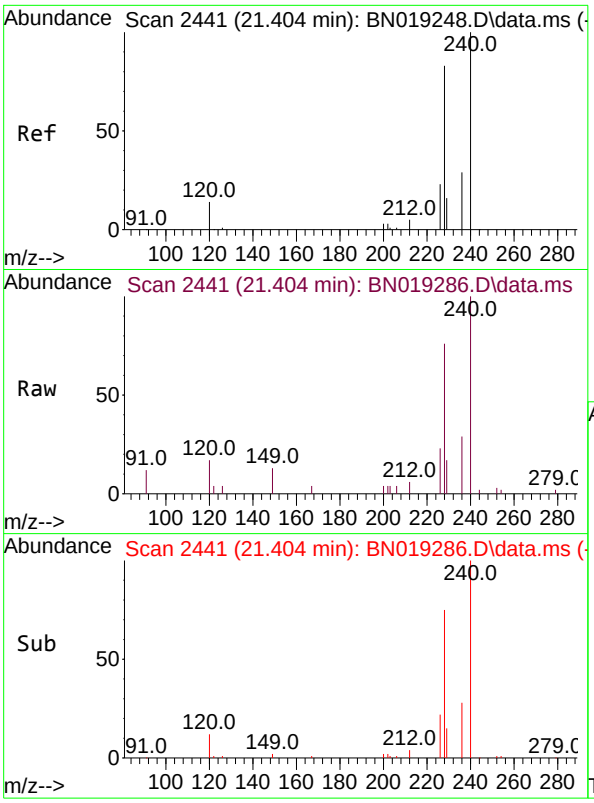


#28
Fluoranthene
Concen: 0.629 ng
RT: 19.274 min Scan# 2111
Delta R.T. -0.004 min
Lab File: BN019286.D
Acq: 01 Apr 2022 14:19

Tgt Ion:202 Resp: 42882

Ion	Ratio	Lower	Upper
202	100		
101	11.9	9.8	14.6
203	16.5	13.7	20.5



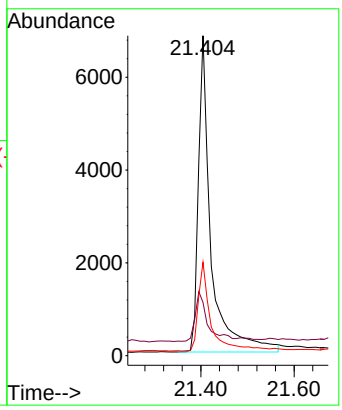


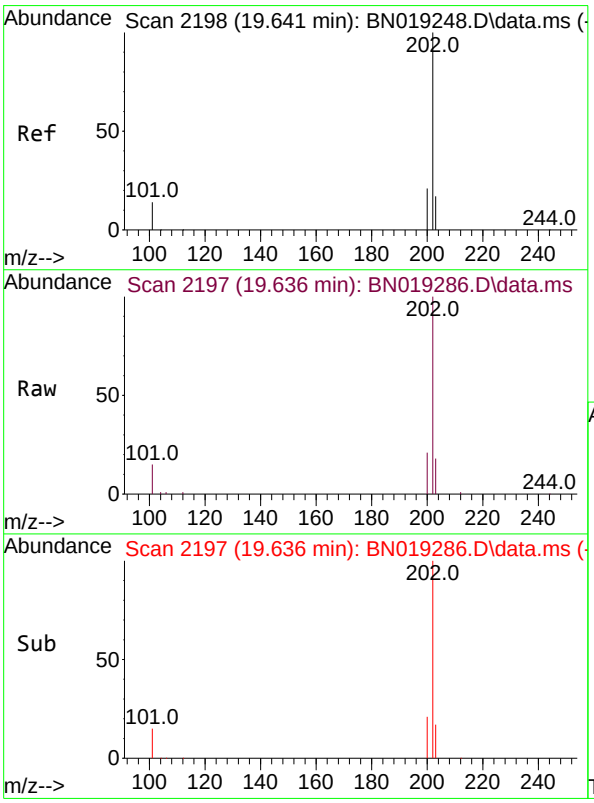
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.404 min Scan# 24
Delta R.T. 0.000 min
Lab File: BN019286.D
Acq: 01 Apr 2022 14:19

Instrument :
BNA_N
ClientSampleId :
A03015MS

Tgt Ion:240 Resp: 12855

Ion	Ratio	Lower	Upper
240	100		
120	16.6	8.5	12.7#
236	29.2	22.4	33.6

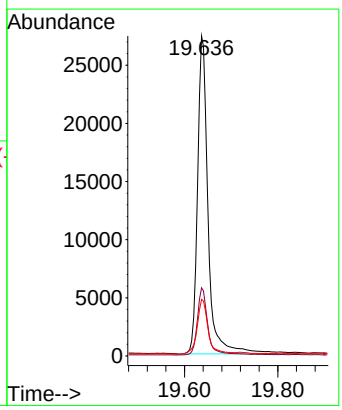


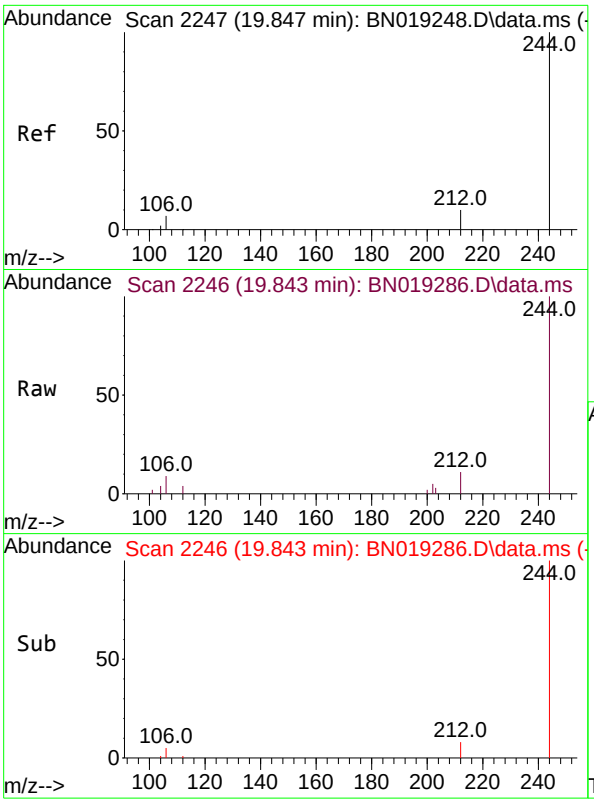


#30
Pyrene
Concen: 0.675 ng
RT: 19.636 min Scan# 2197
Delta R.T. -0.004 min
Lab File: BN019286.D
Acq: 01 Apr 2022 14:19

Tgt Ion:202 Resp: 42842

Ion	Ratio	Lower	Upper
202	100		
200	21.2	16.9	25.3
203	17.9	14.2	21.2



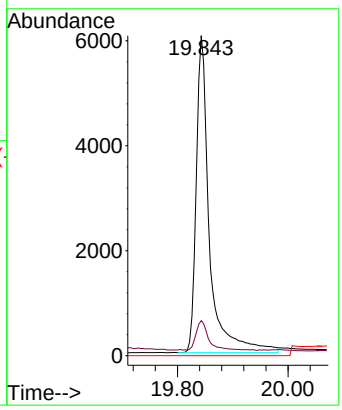


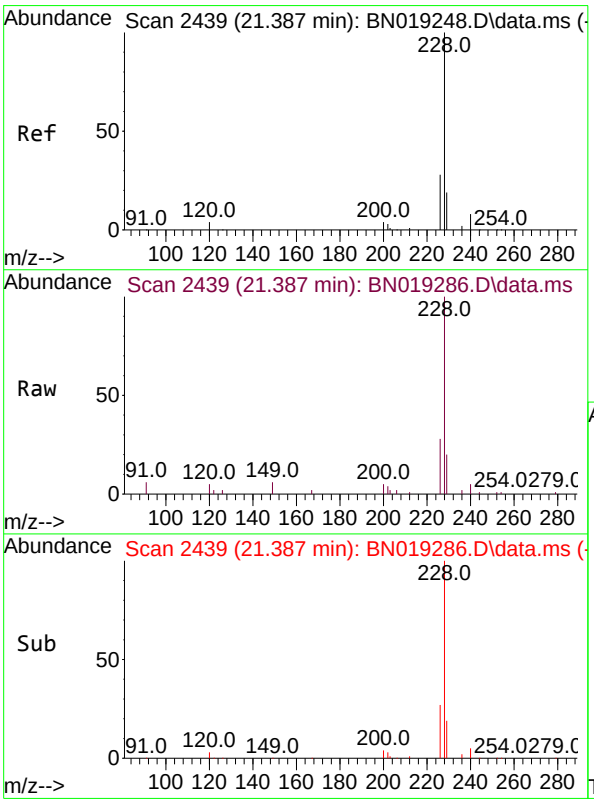
#31
Terphenyl-d14
Concen: 0.351 ng
RT: 19.843 min Scan# 2
Delta R.T. -0.004 min
Lab File: BN019286.D
Acq: 01 Apr 2022 14:19

Instrument :
BNA_N
ClientSampleId :
A03015MS

Tgt Ion:244 Resp: 10025

Ion	Ratio	Lower	Upper
244	100		
212	11.0	8.2	12.4
122	0.0	0.0	0.0

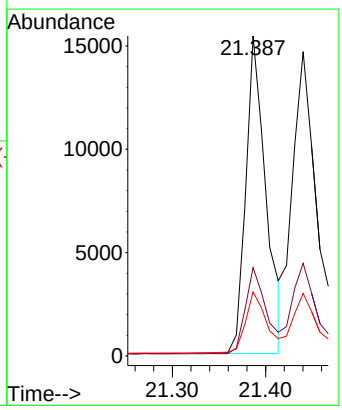


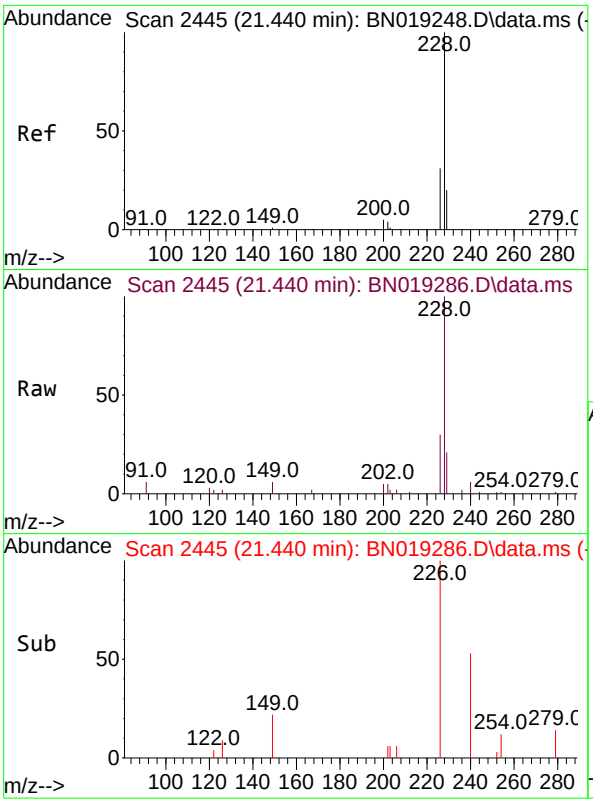


#32
Benzo(a)anthracene
Concen: 0.573 ng
RT: 21.387 min Scan# 2439
Delta R.T. 0.000 min
Lab File: BN019286.D
Acq: 01 Apr 2022 14:19

Tgt Ion:228 Resp: 23098

Ion	Ratio	Lower	Upper
228	100		
226	27.6	21.9	32.9
229	20.0	16.0	24.0



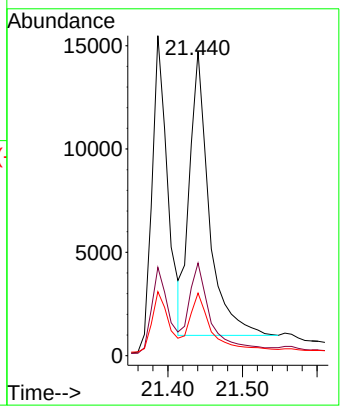


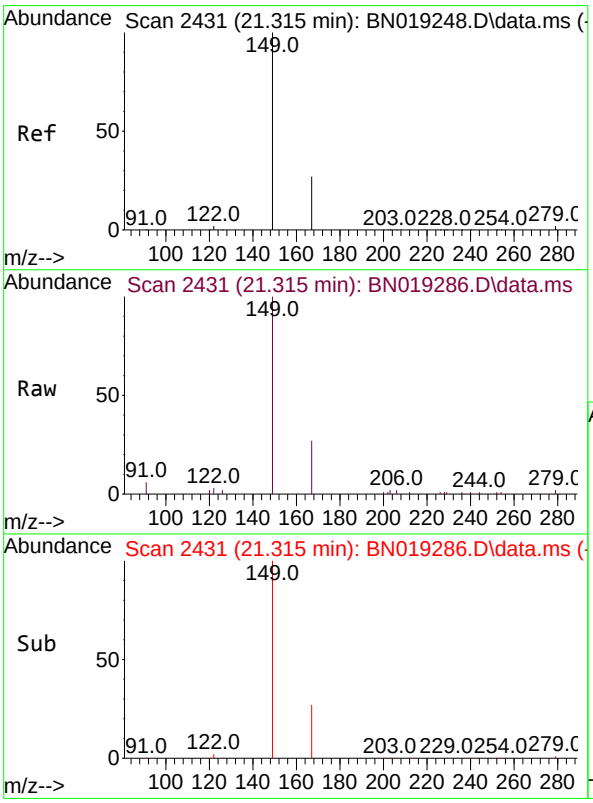
#33
Chrysene
Concen: 0.487 ng
RT: 21.440 min Scan# 24
Delta R.T. 0.000 min
Lab File: BN019286.D
Acq: 01 Apr 2022 14:19

Instrument :
BNA_N
ClientSampleId :
A03015MS

Tgt Ion:228 Resp: 25083

Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.0	36.0
229	20.6	15.9	23.9

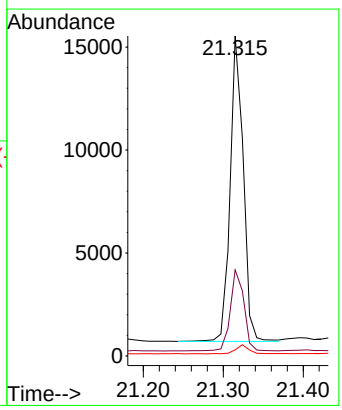


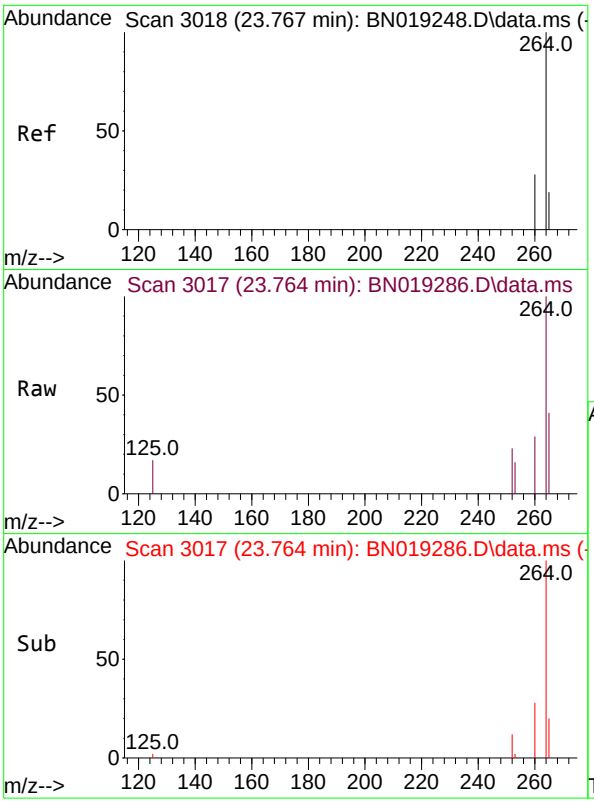


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.624 ng
RT: 21.315 min Scan# 2431
Delta R.T. 0.000 min
Lab File: BN019286.D
Acq: 01 Apr 2022 14:19

Tgt Ion:149 Resp: 16798

Ion	Ratio	Lower	Upper
149	100		
167	27.5	21.8	32.8
279	3.0	2.0	3.0#



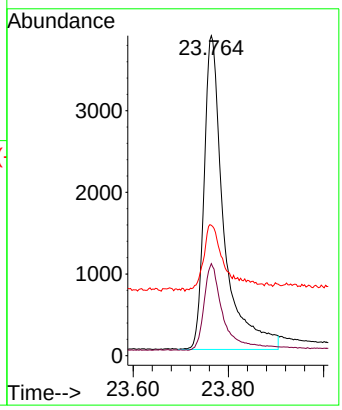


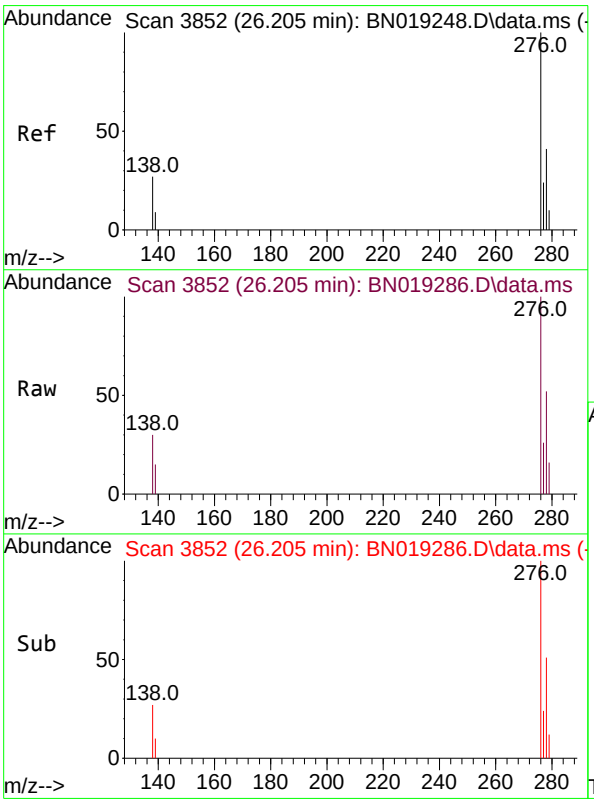
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.764 min Scan# 3
Delta R.T. -0.003 min
Lab File: BN019286.D
Acq: 01 Apr 2022 14:19

Instrument :
BNA_N
ClientSampleId :
A03015MS

Tgt Ion:264 Resp: 11094

Ion	Ratio	Lower	Upper
264	100		
260	28.8	22.4	33.6
265	40.7	25.3	37.9#

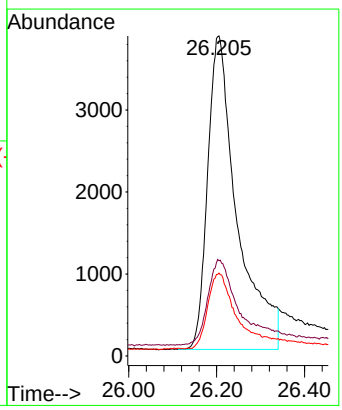


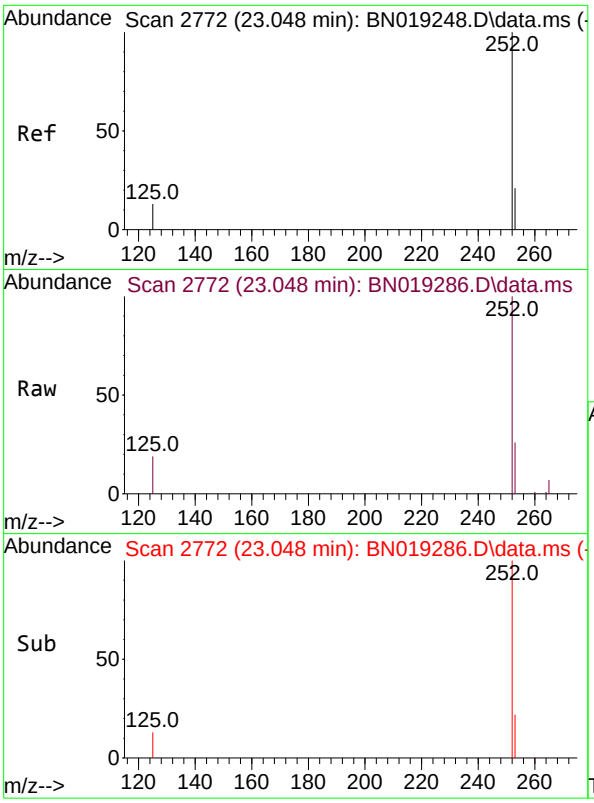


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.393 ng
RT: 26.205 min Scan# 3852
Delta R.T. 0.000 min
Lab File: BN019286.D
Acq: 01 Apr 2022 14:19

Tgt Ion:276 Resp: 17824

Ion	Ratio	Lower	Upper
276	100		
138	24.7	24.5	36.7
277	22.5	19.8	29.8



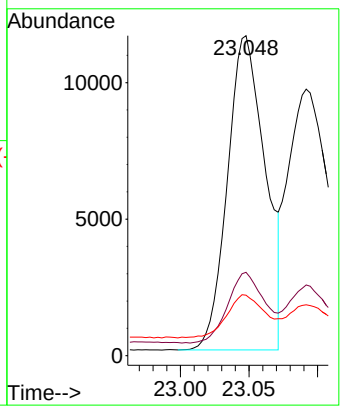


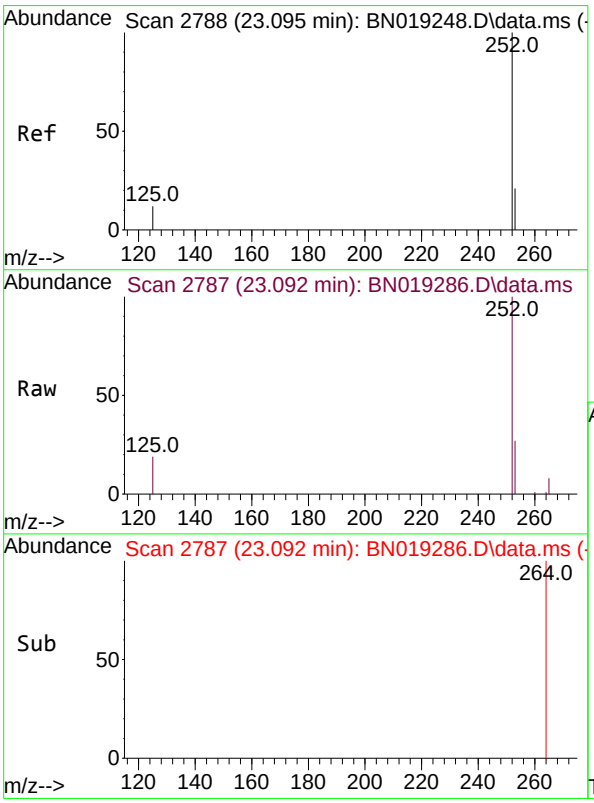
#37
Benzo(b)fluoranthene
Concen: 0.535 ng
RT: 23.048 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN019286.D
Acq: 01 Apr 2022 14:19

Instrument :
BNA_N
ClientSampleId :
A03015MS

Tgt Ion:252 Resp: 22051

Ion	Ratio	Lower	Upper
252	100		
253	26.1	18.9	28.3
125	18.9	12.1	18.1#

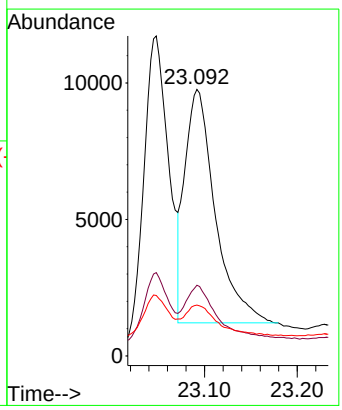


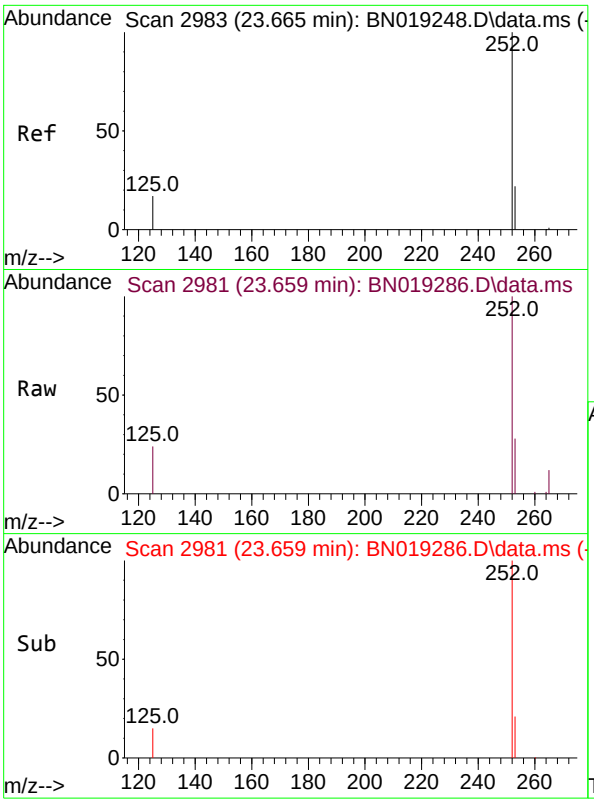


#38
Benzo(k)fluoranthene
Concen: 0.438 ng
RT: 23.092 min Scan# 2787
Delta R.T. -0.003 min
Lab File: BN019286.D
Acq: 01 Apr 2022 14:19

Tgt Ion:252 Resp: 19482

Ion	Ratio	Lower	Upper
252	100		
253	26.5	18.9	28.3
125	19.1	10.3	15.5#



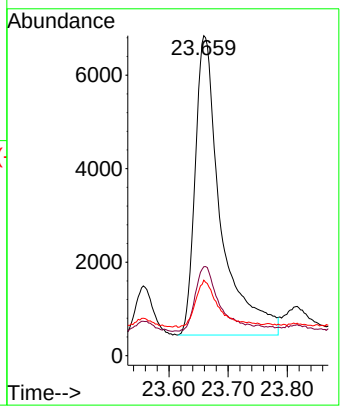


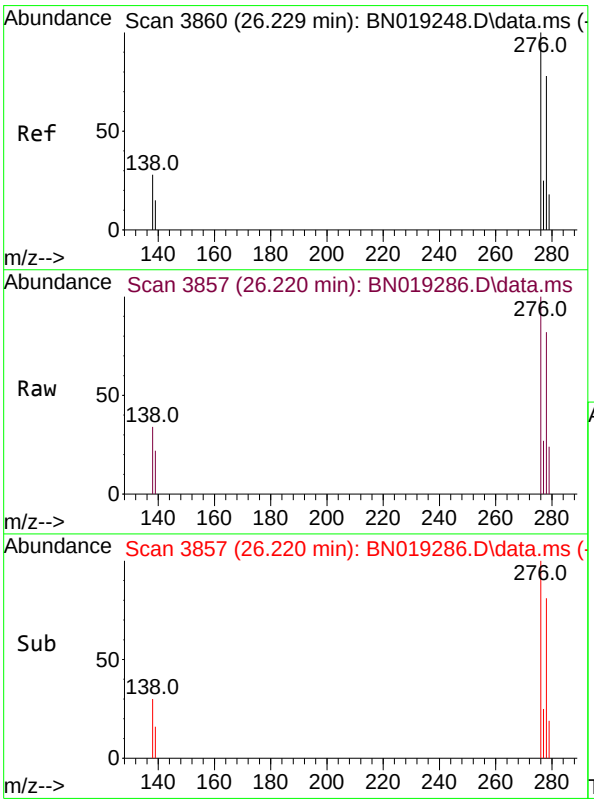
#39
Benzo(a)pyrene
Concen: 0.514 ng
RT: 23.659 min Scan# 2
Delta R.T. -0.006 min
Lab File: BN019286.D
Acq: 01 Apr 2022 14:19

Instrument :
BNA_N
ClientSampleId :
A03015MS

Tgt Ion:252 Resp: 19261

Ion	Ratio	Lower	Upper
252	100		
253	27.8	20.1	30.1
125	23.6	15.2	22.8#

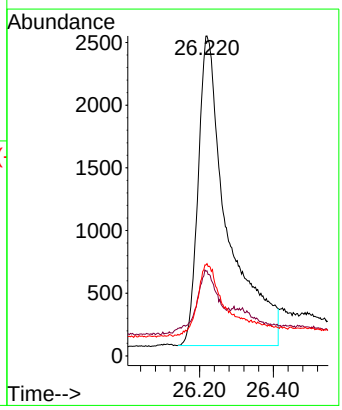


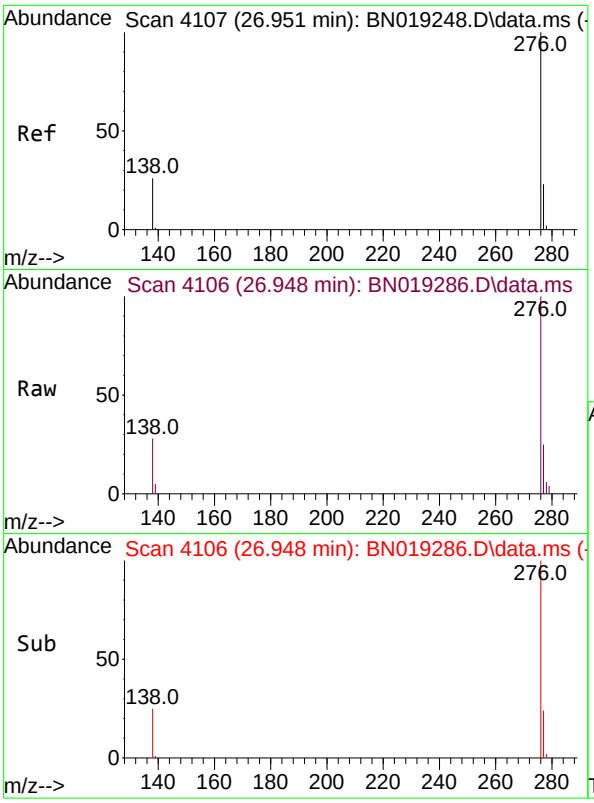


#40
Dibenzo(a,h)anthracene
Concen: 0.412 ng
RT: 26.220 min Scan# 3857
Delta R.T. -0.009 min
Lab File: BN019286.D
Acq: 01 Apr 2022 14:19

Tgt Ion:278 Resp: 13646

Ion	Ratio	Lower	Upper
278	100		
139	26.6	17.2	25.8#
279	28.8	19.9	29.9





#41
Benzo(g,h,i)perylene
Concen: 0.413 ng
RT: 26.948 min Scan# 4
Delta R.T. -0.003 min
Lab File: BN019286.D
Acq: 01 Apr 2022 14:19

Instrument :
BNA_N
ClientSampleId :
A03015MS

Tgt Ion:276 Resp: 19113

Ion	Ratio	Lower	Upper
276	100		
277	24.9	19.4	29.0
138	27.5	21.0	31.6