Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN033122\
Data File : BN019303.D
Acq On : 02 Apr 2022 01:43
Operator : CG/JU
Sample : PB143805BSD
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB143805BSD

Quant Time: Apr 02 02:24:39 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	5315	0.400	ng		0.00
7) Naphthalene-d8	10.637	136	15192	0.400	ng	#	0.00
13) Acenaphthene-d10	14.474	164	9475	0.400	ng		0.00
19) Phenanthrene-d10	17.215	188	19445	0.400	ng	#	0.00
29) Chrysene-d12	21.404	240	14515	0.400	ng	#	0.00
35) Perylene-d12	23.761	264	11951	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.392	112	4008	0.345	ng		0.00
5) Phenol-d6	7.002	99	4045	0.328	ng		0.00
8) Nitrobenzene-d5	8.993	82	3241	0.297	ng		0.00
11) 2-Methylnaphthalene-d10	12.231	152	8855	0.367	ng		0.00
14) 2,4,6-Tribromophenol	15.964	330	1070	0.241	ng		0.00
15) 2-Fluorobiphenyl	13.105	172	13605	0.358	ng		0.00
27) Fluoranthene-d10	19.244	212	20382	0.349	ng		0.00
31) Terphenyl-d14	19.843	244	11928	0.369	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.225	88	2114	0.299	ng	#	87
3) n-Nitrosodimethylamine	3.564	42	1932	0.262	ng		93
6) bis(2-Chloroethyl)ether	7.255	93	4969	0.338	ng		95
9) Naphthalene	10.680	128	16120	0.366	ng		99
10) Hexachlorobutadiene	10.979	225	3654	0.355	ng	#	100
12) 2-Methylnaphthalene	12.303	142	10303	0.363	ng		99
16) Acenaphthylene	14.185	152	14371	0.329	ng		100
17) Acenaphthene	14.527	154	10787	0.347	ng		98
18) Fluorene	15.521	166	13689	0.352	ng		99
20) 4,6-Dinitro-2-methylph...	15.618	198	481	0.235	ng	#	67
21) 4-Bromophenyl-phenylether	16.405	248	4242	0.340	ng	#	83
22) Hexachlorobenzene	16.528	284	5797	0.357	ng		99
23) Atrazine	16.672	200	2481	0.290	ng		99
24) Pentachlorophenol	16.877	266	654	0.140	ng		99
25) Phenanthrene	17.256	178	21823	0.356	ng		100
26) Anthracene	17.349	178	16461	0.325	ng		99
28) Fluoranthene	19.274	202	25468	0.349	ng		99
30) Pyrene	19.636	202	26553	0.370	ng		100
32) Benzo(a)anthracene	21.387	228	14983	0.329	ng		100
33) Chrysene	21.440	228	20082	0.345	ng		100
34) Bis(2-ethylhexyl)phtha...	21.315	149	9472	0.312	ng		98
36) Indeno(1,2,3-cd)pyrene	26.194	276	13343	0.273	ng		97
37) Benzo(b)fluoranthene	23.089	252	20613	0.464	ng		95
38) Benzo(k)fluoranthene	23.089	252	15740	0.329	ng		96
39) Benzo(a)pyrene	23.656	252	14338	0.355	ng	#	70
40) Dibenzo(a,h)anthracene	26.220	278	7934	0.222	ng	#	89
41) Benzo(g,h,i)perylene	26.939	276	13688	0.275	ng		99

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

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Instrument :
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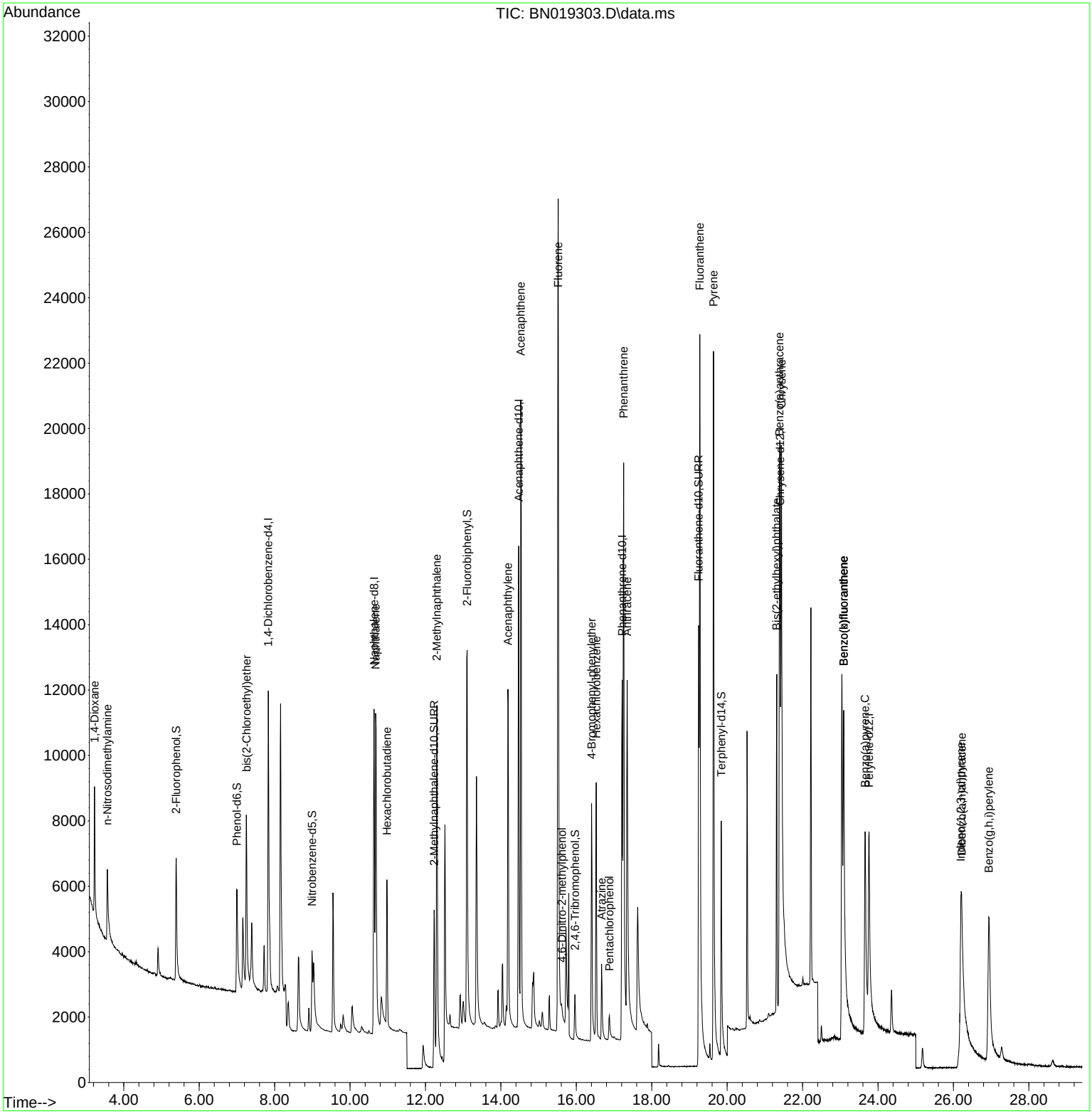
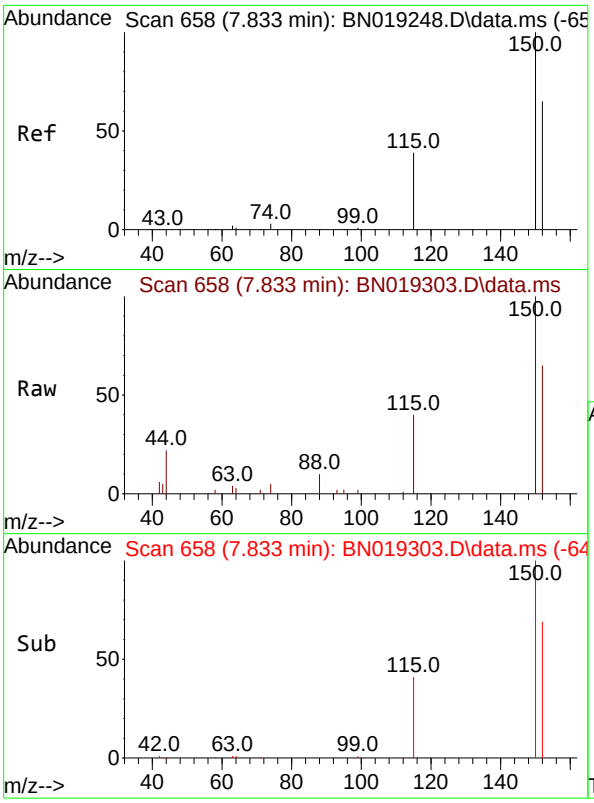
Quant Time: Apr 02 02:24:39 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN033122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 31 12:41:03 2022
Response via : Initial Calibration



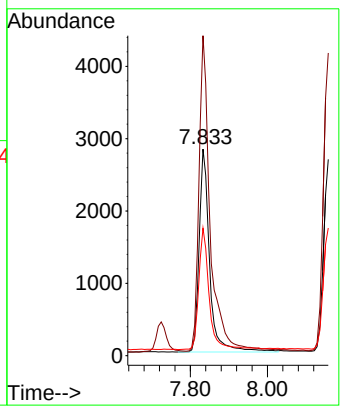


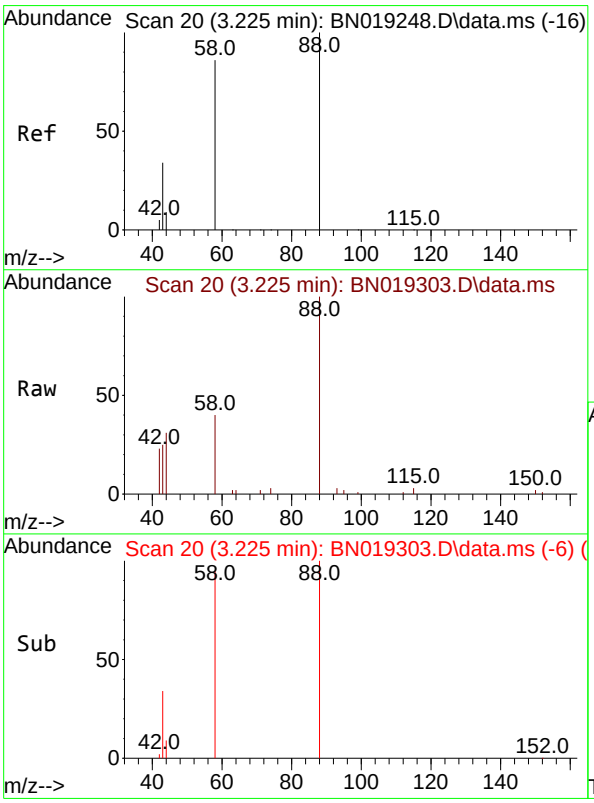
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.833 min Scan# 6
Delta R.T. -0.000 min
Lab File: BN019303.D
Acq: 02 Apr 2022 01:43

Instrument :
BNA_N
ClientSampleId :
PB143805BSD

Tgt Ion:152 Resp: 5315

Ion	Ratio	Lower	Upper
152	100		
150	155.0	123.9	185.9
115	61.7	48.2	72.4

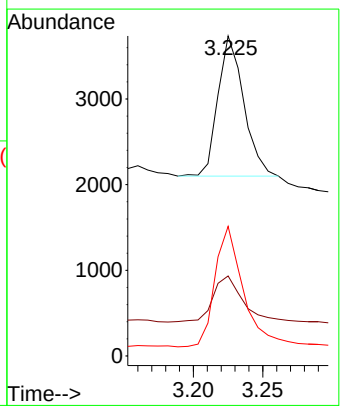


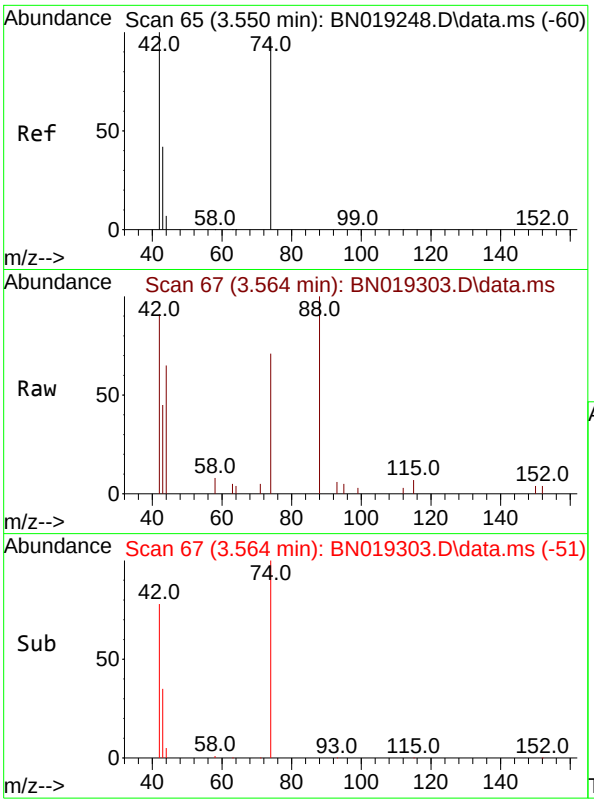


#2
1,4-Dioxane
Concen: 0.299 ng
RT: 3.225 min Scan# 20
Delta R.T. -0.000 min
Lab File: BN019303.D
Acq: 02 Apr 2022 01:43

Tgt Ion: 88 Resp: 2114

Ion	Ratio	Lower	Upper
88	100		
43	37.5	24.6	37.0#
58	93.7	65.4	98.2



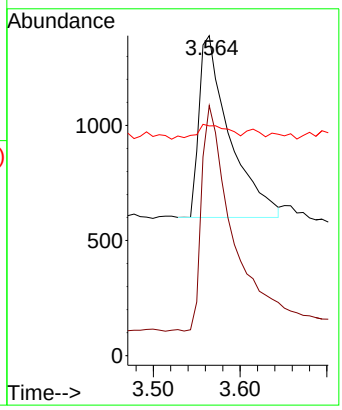


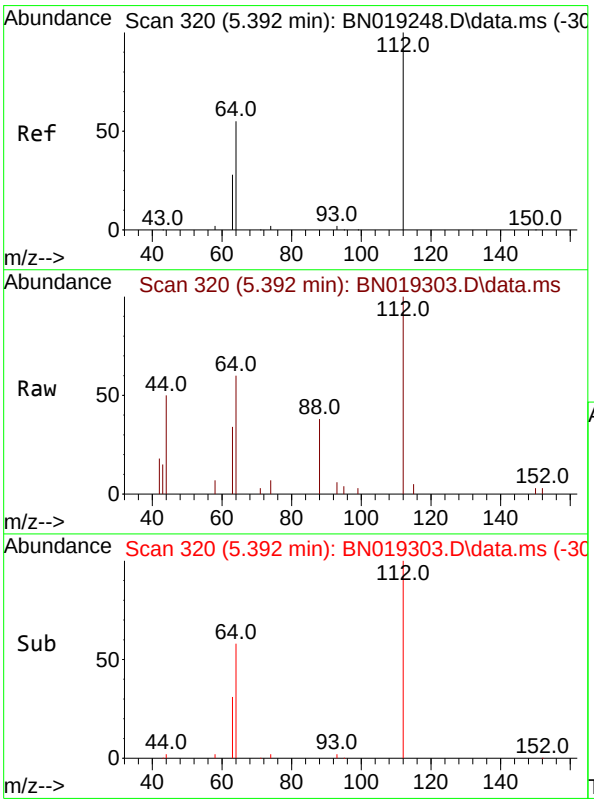
#3
n-Nitrosodimethylamine
Concen: 0.262 ng
RT: 3.564 min Scan# 6
Delta R.T. 0.014 min
Lab File: BN019303.D
Acq: 02 Apr 2022 01:43

Instrument :
BNA_N
ClientSampleId :
PB143805BSD

Tgt Ion: 42 Resp: 1932

Ion	Ratio	Lower	Upper
42	100		
74	129.0	96.9	145.3
44	8.5	7.3	10.9

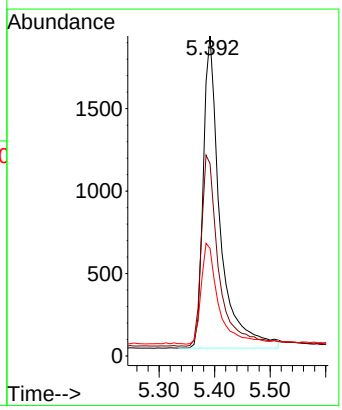


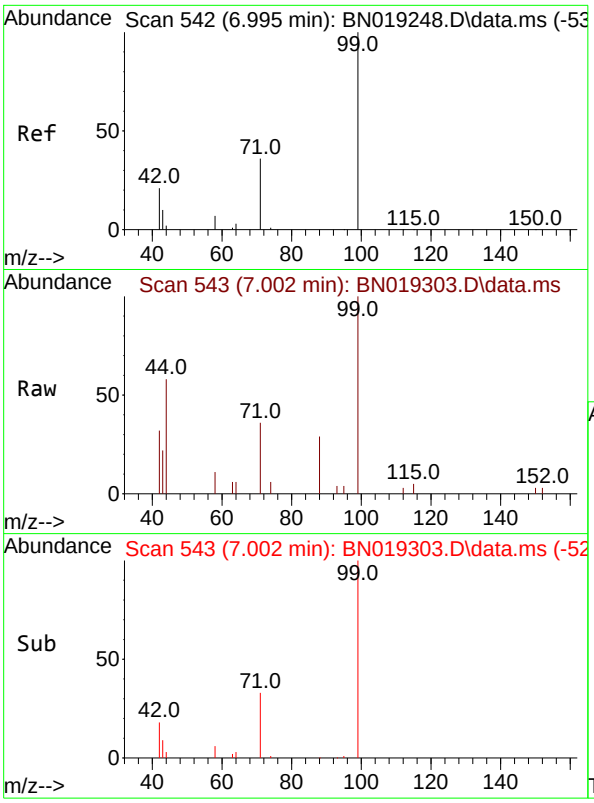


#4
2-Fluorophenol
Concen: 0.345 ng
RT: 5.392 min Scan# 320
Delta R.T. -0.000 min
Lab File: BN019303.D
Acq: 02 Apr 2022 01:43

Tgt Ion:112 Resp: 4008

Ion	Ratio	Lower	Upper
112	100		
64	64.0	47.8	71.8
63	33.5	25.7	38.5



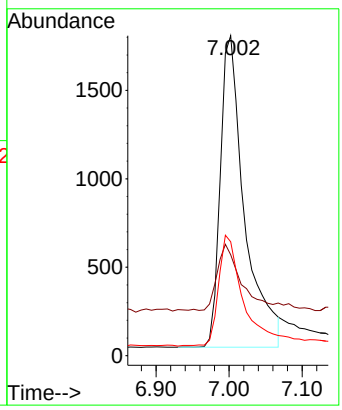


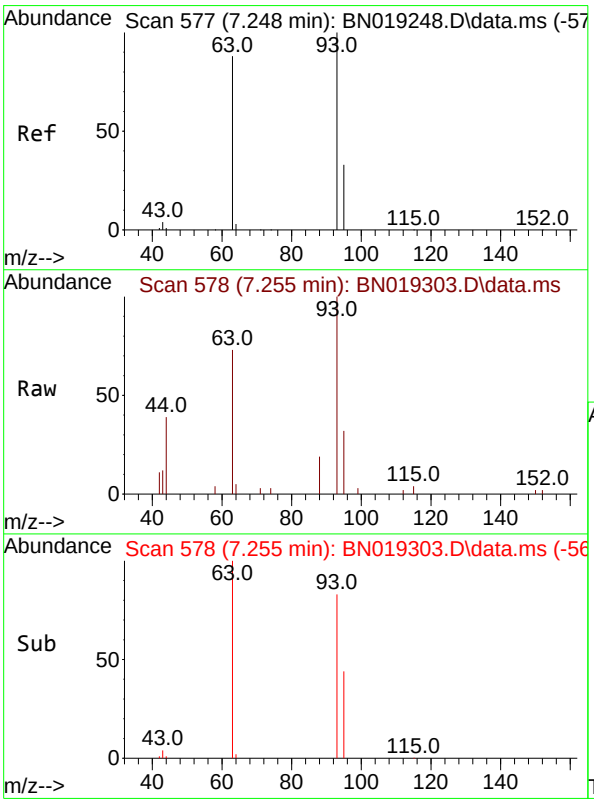
#5
Phenol-d6
Concen: 0.328 ng
RT: 7.002 min Scan# 54
Delta R.T. 0.007 min
Lab File: BN019303.D
Acq: 02 Apr 2022 01:43

Instrument :
BNA_N
ClientSampleId :
PB143805BSD

Tgt Ion: 99 Resp: 4045

Ion	Ratio	Lower	Upper
99	100		
42	20.8	16.2	24.4
71	35.8	27.7	41.5

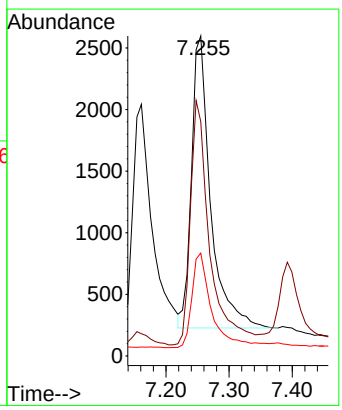


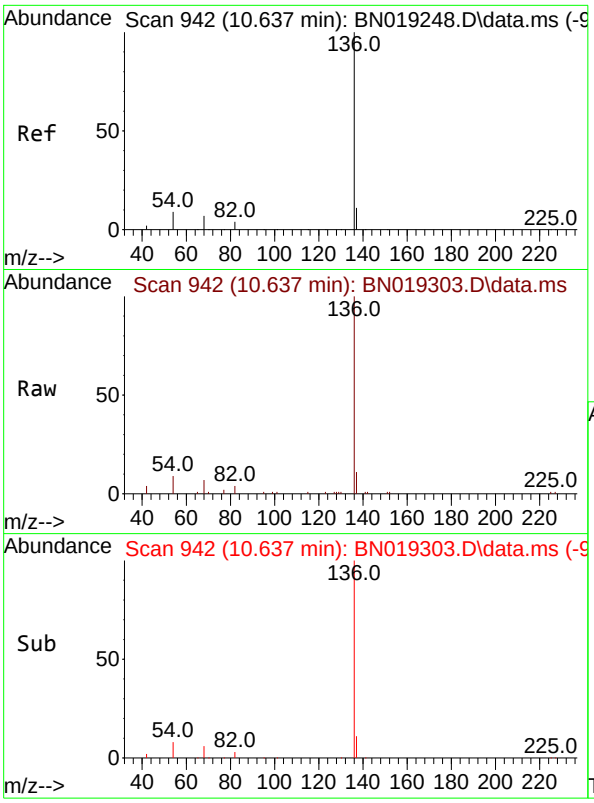


#6
bis(2-Chloroethyl)ether
Concen: 0.338 ng
RT: 7.255 min Scan# 578
Delta R.T. 0.007 min
Lab File: BN019303.D
Acq: 02 Apr 2022 01:43

Tgt Ion: 93 Resp: 4969

Ion	Ratio	Lower	Upper
93	100		
63	84.4	62.8	94.2
95	33.9	26.2	39.4



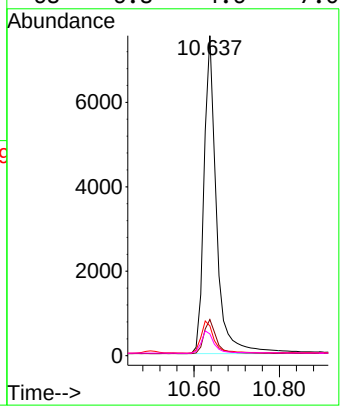


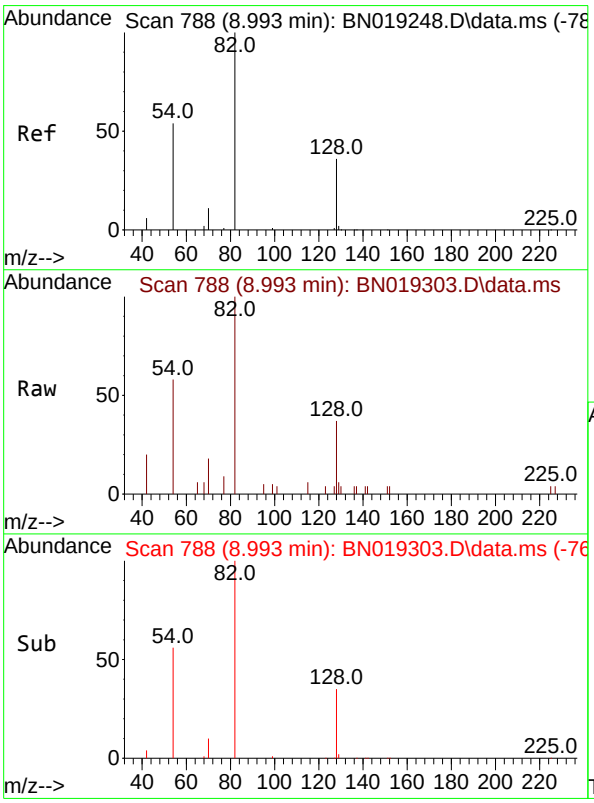
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.637 min Scan# 94
Delta R.T. -0.000 min
Lab File: BN019303.D
Acq: 02 Apr 2022 01:43

Instrument :
BNA_N
ClientSampleId :
PB143805BSD

Tgt Ion:136 Resp: 15192

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.0	13.4
54	9.3	5.8	8.6#
68	6.8	4.6	7.0

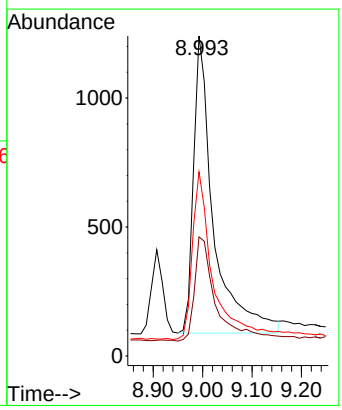


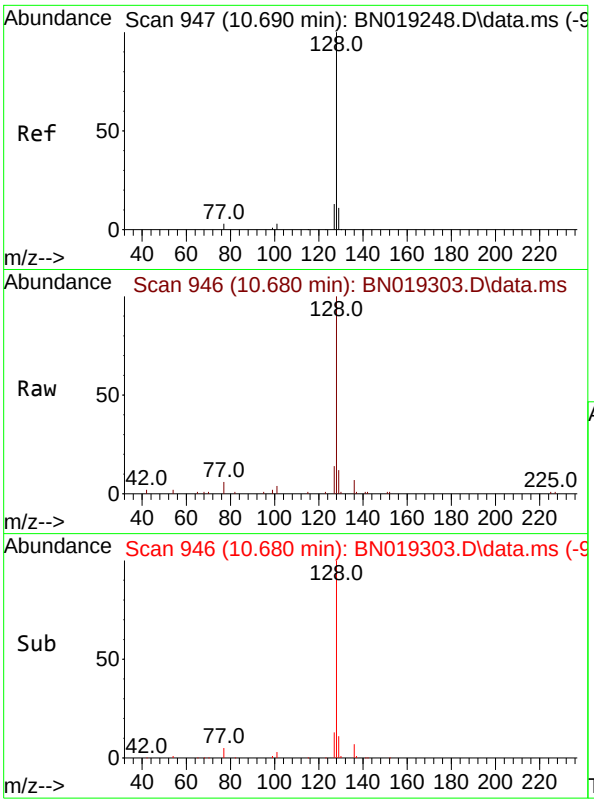


#8
Nitrobenzene-d5
Concen: 0.297 ng
RT: 8.993 min Scan# 788
Delta R.T. -0.000 min
Lab File: BN019303.D
Acq: 02 Apr 2022 01:43

Tgt Ion: 82 Resp: 3241

Ion	Ratio	Lower	Upper
82	100		
128	37.2	33.0	49.6
54	57.5	42.5	63.7



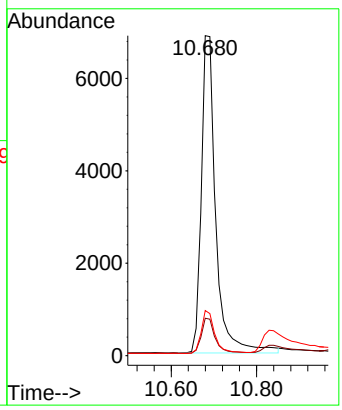


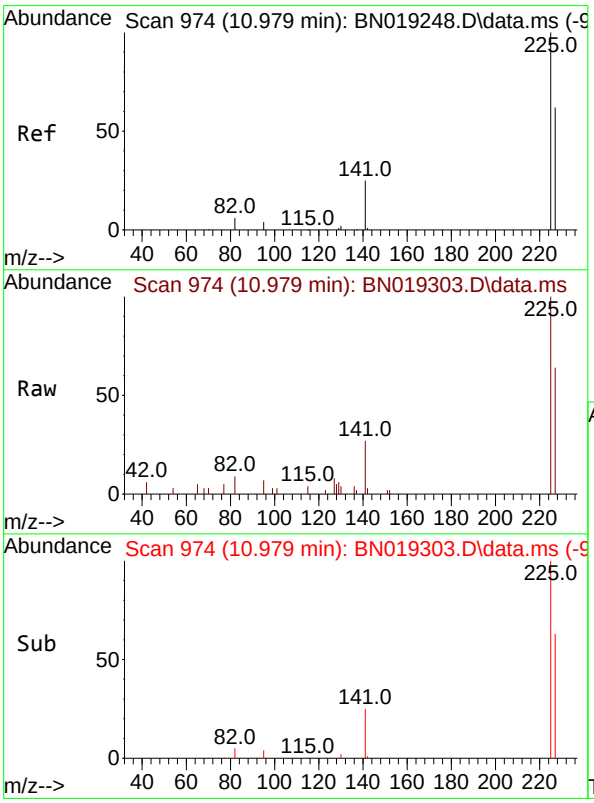
#9
Naphthalene
Concen: 0.366 ng
RT: 10.680 min Scan# 94
Delta R.T. -0.011 min
Lab File: BN019303.D
Acq: 02 Apr 2022 01:43

Instrument :
BNA_N
ClientSampleId :
PB143805BSD

Tgt Ion:128 Resp: 16120

Ion	Ratio	Lower	Upper
128	100		
129	11.7	9.0	13.4
127	14.1	10.7	16.1

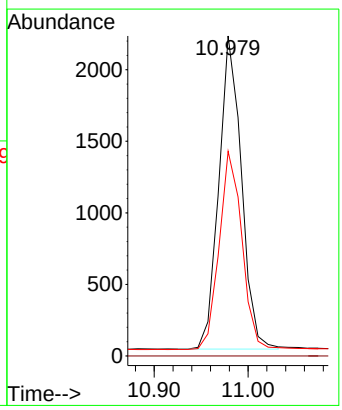


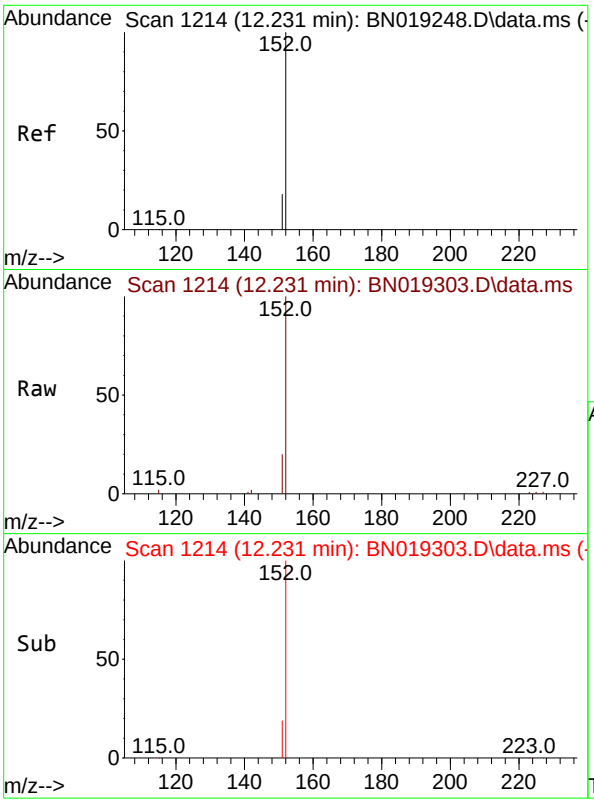


#10
Hexachlorobutadiene
Concen: 0.355 ng
RT: 10.979 min Scan# 974
Delta R.T. -0.000 min
Lab File: BN019303.D
Acq: 02 Apr 2022 01:43

Tgt Ion:225 Resp: 3654

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



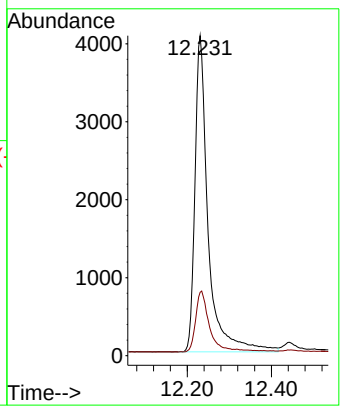


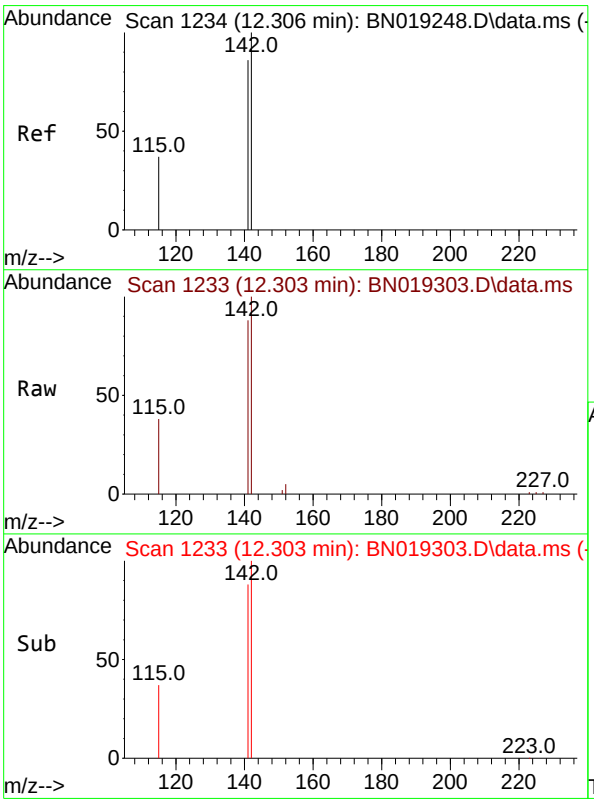
#11
2-Methylnaphthalene-d10
Concen: 0.367 ng
RT: 12.231 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN019303.D
Acq: 02 Apr 2022 01:43

Instrument :
BNA_N
ClientSampleId :
PB143805BSD

Tgt Ion:152 Resp: 8855

Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.5	24.7

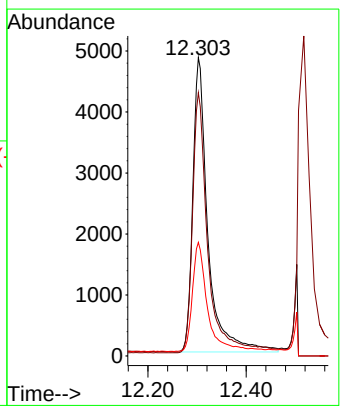


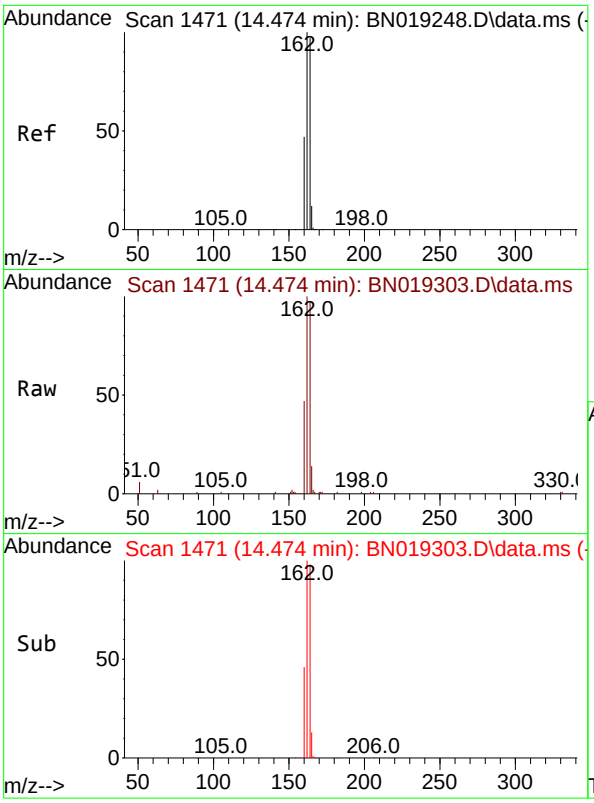


#12
2-Methylnaphthalene
Concen: 0.363 ng
RT: 12.303 min Scan# 1233
Delta R.T. -0.004 min
Lab File: BN019303.D
Acq: 02 Apr 2022 01:43

Tgt Ion:142 Resp: 10303

Ion	Ratio	Lower	Upper
142	100		
141	88.2	70.0	105.0
115	38.1	29.8	44.8



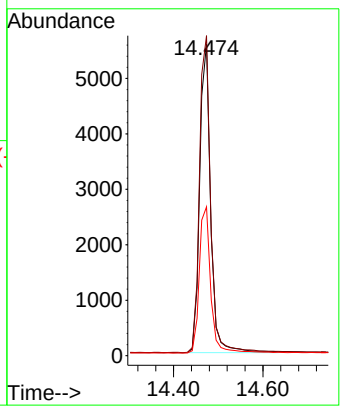


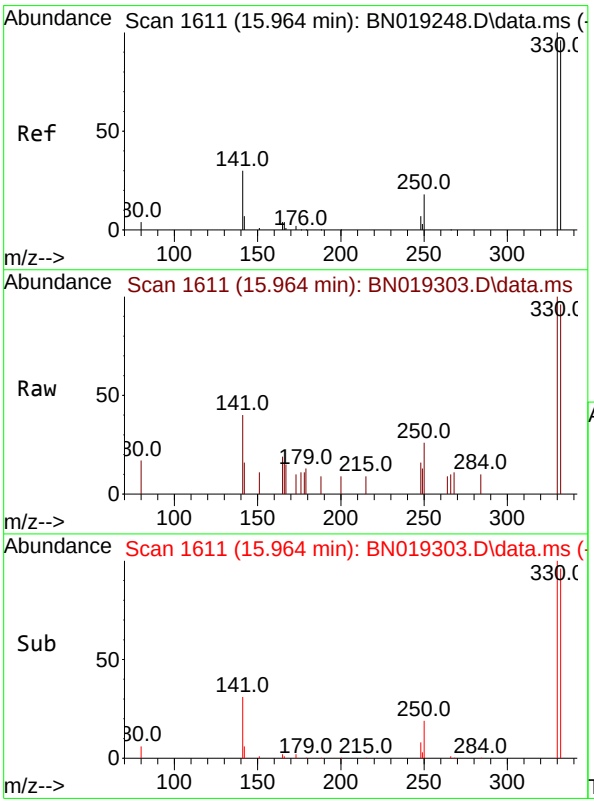
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.474 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN019303.D
Acq: 02 Apr 2022 01:43

Instrument :
BNA_N
ClientSampleId :
PB143805BSD

Tgt Ion:164 Resp: 9475

Ion	Ratio	Lower	Upper
164	100		
162	102.6	85.2	127.8
160	47.7	41.5	62.3

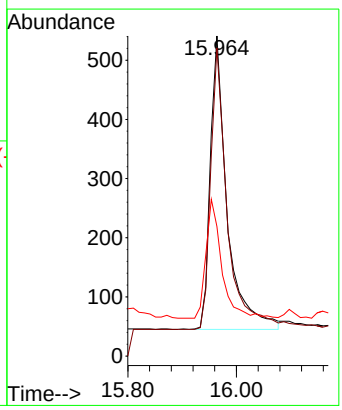


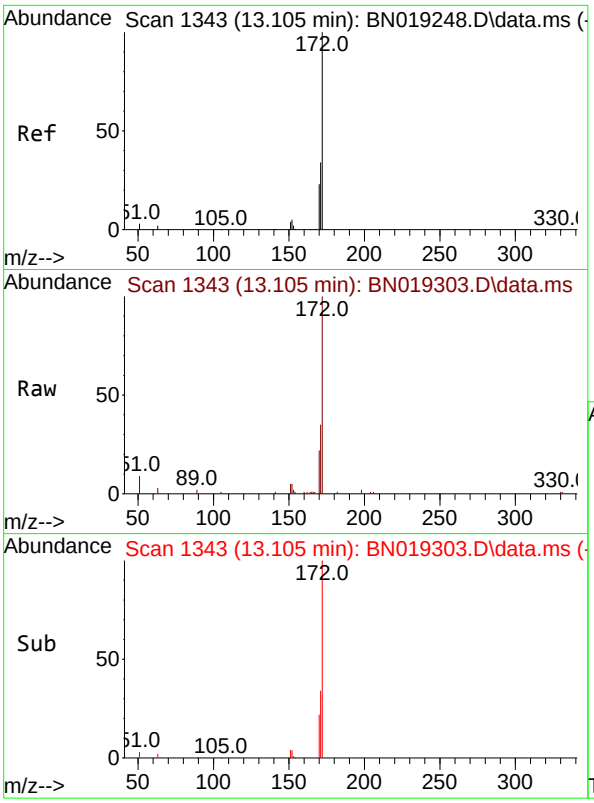


#14
2,4,6-Tribromophenol
Concen: 0.241 ng
RT: 15.964 min Scan# 1611
Delta R.T. -0.000 min
Lab File: BN019303.D
Acq: 02 Apr 2022 01:43

Tgt Ion:330 Resp: 1070

Ion	Ratio	Lower	Upper
330	100		
332	94.7	76.8	115.2
141	37.9	32.2	48.2



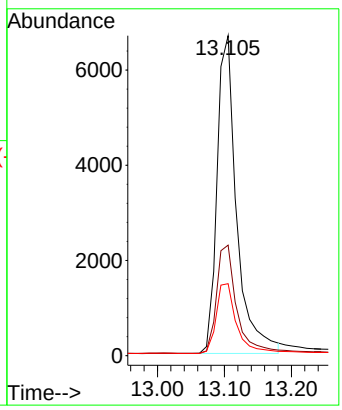


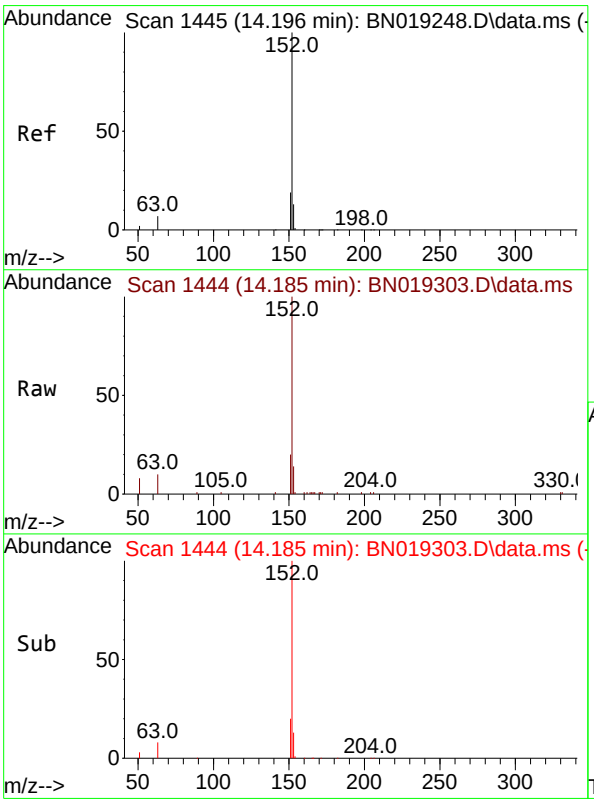
#15
2-Fluorobiphenyl
Concen: 0.358 ng
RT: 13.105 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN019303.D
Acq: 02 Apr 2022 01:43

Instrument :
BNA_N
ClientSampleId :
PB143805BSD

Tgt Ion:172 Resp: 13605

Ion	Ratio	Lower	Upper
172	100		
171	34.5	28.2	42.2
170	22.5	18.7	28.1

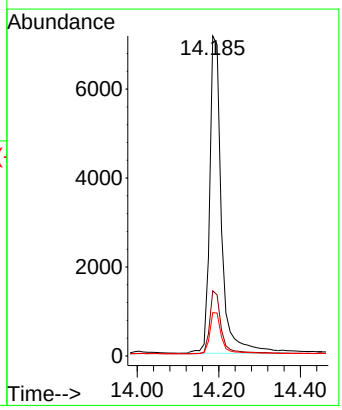


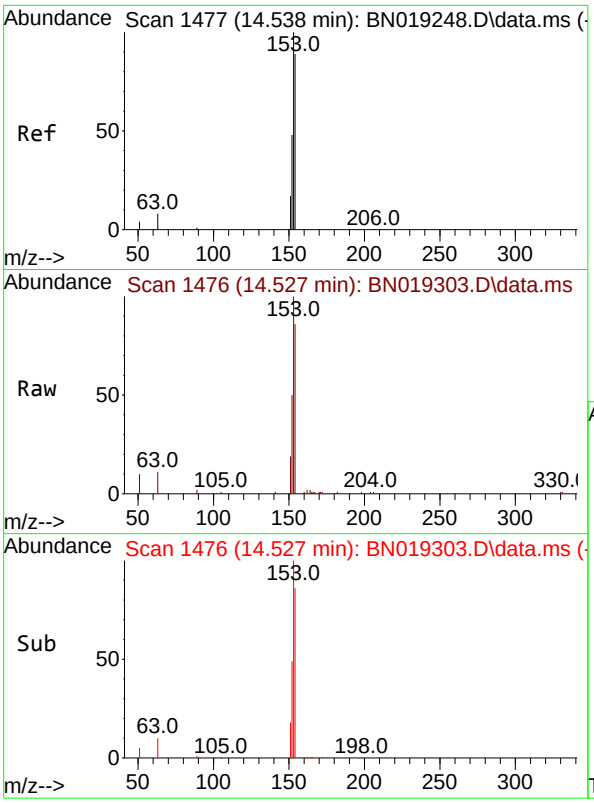


#16
Acenaphthylene
Concen: 0.329 ng
RT: 14.185 min Scan# 1444
Delta R.T. -0.011 min
Lab File: BN019303.D
Acq: 02 Apr 2022 01:43

Tgt Ion:152 Resp: 14371

Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.9	23.9
153	13.1	10.6	15.8



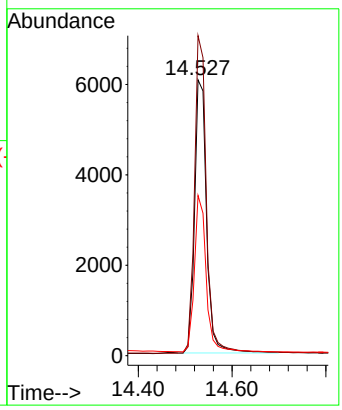


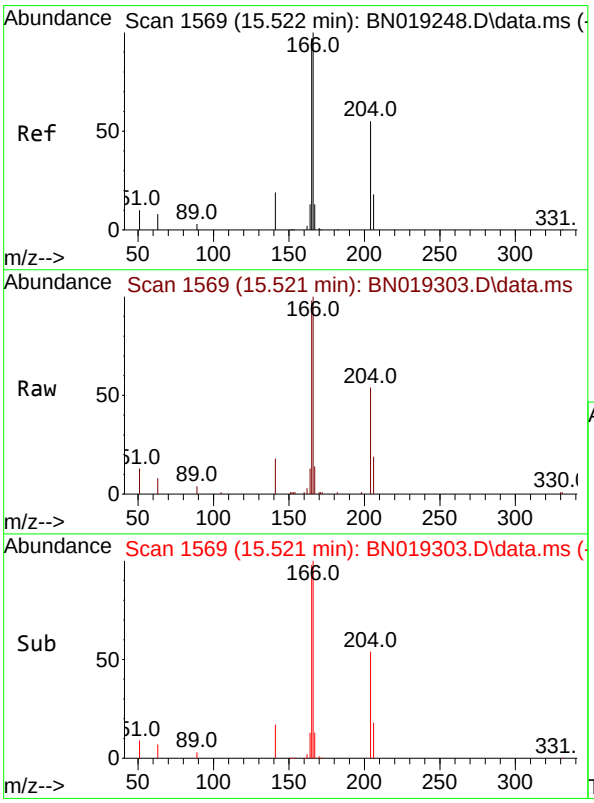
#17
Acenaphthene
Concen: 0.347 ng
RT: 14.527 min Scan# 14
Delta R.T. -0.011 min
Lab File: BN019303.D
Acq: 02 Apr 2022 01:43

Instrument :
BNA_N
ClientSampleId :
PB143805BSD

Tgt Ion:154 Resp: 10787

Ion	Ratio	Lower	Upper
154	100		
153	115.2	89.7	134.5
152	55.8	44.7	67.1

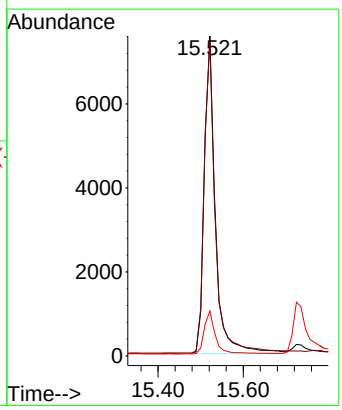


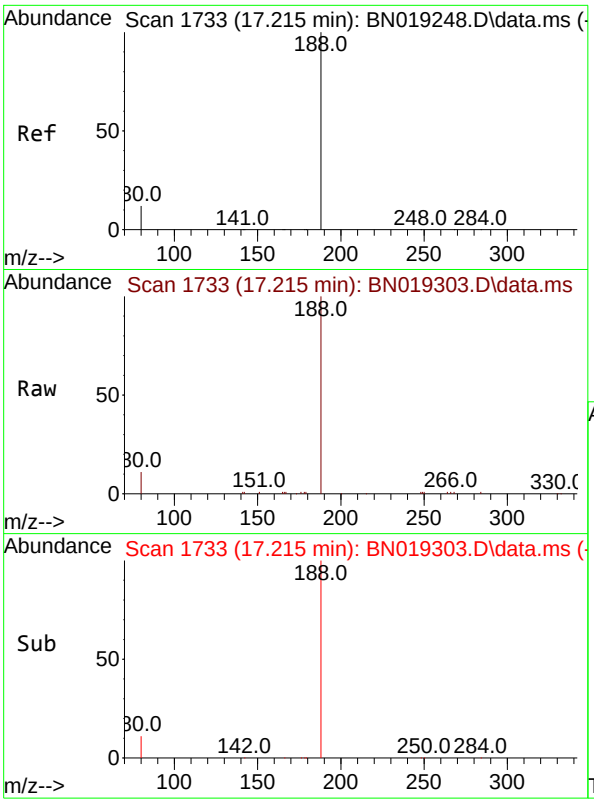


#18
Fluorene
Concen: 0.352 ng
RT: 15.521 min Scan# 1569
Delta R.T. -0.000 min
Lab File: BN019303.D
Acq: 02 Apr 2022 01:43

Tgt Ion:166 Resp: 13689

Ion	Ratio	Lower	Upper
166	100		
165	97.7	79.2	118.8
167	13.5	10.7	16.1



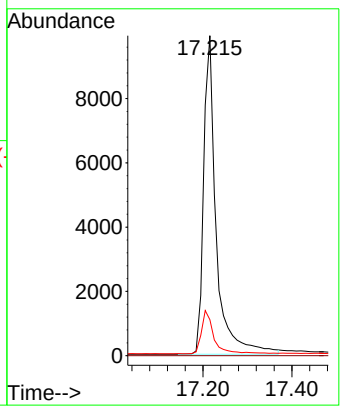


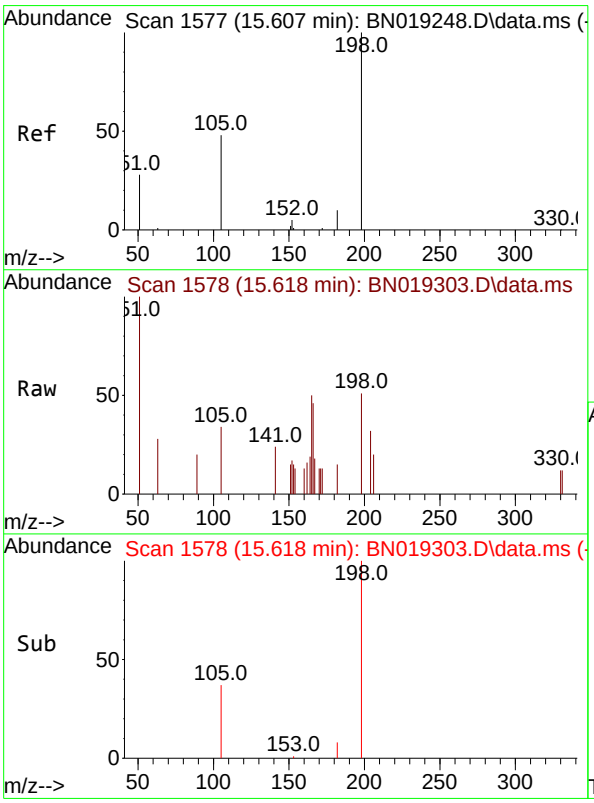
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.215 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN019303.D
Acq: 02 Apr 2022 01:43

Instrument :
BNA_N
ClientSampleId :
PB143805BSD

Tgt Ion:188 Resp: 19445

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	11.2	11.8	17.8#

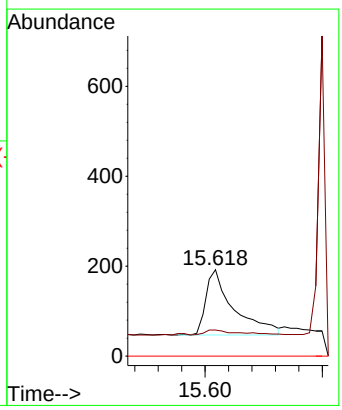


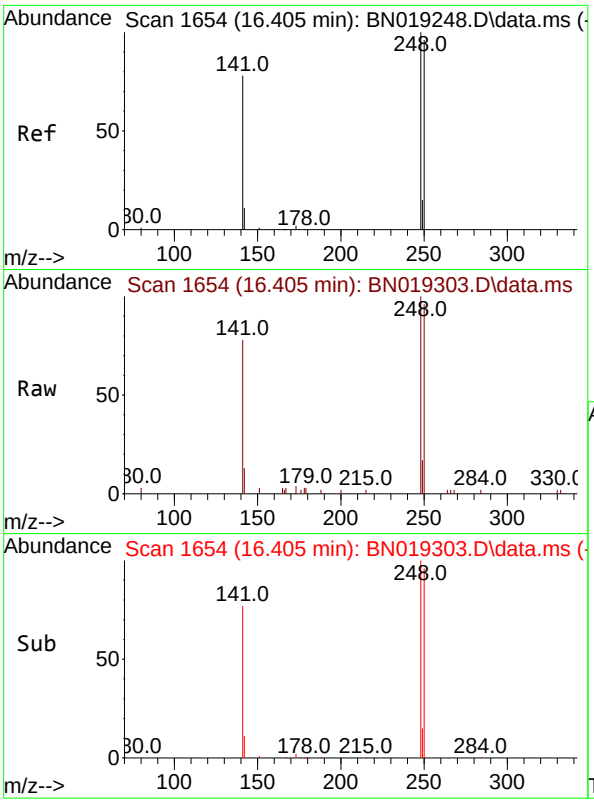


#20
4,6-Dinitro-2-methylphenol
Concen: 0.235 ng
RT: 15.618 min Scan# 1578
Delta R.T. 0.011 min
Lab File: BN019303.D
Acq: 02 Apr 2022 01:43

Tgt Ion:198 Resp: 481

Ion	Ratio	Lower	Upper
198	100		
182	30.2	13.0	19.4#
77	0.0	0.0	0.0



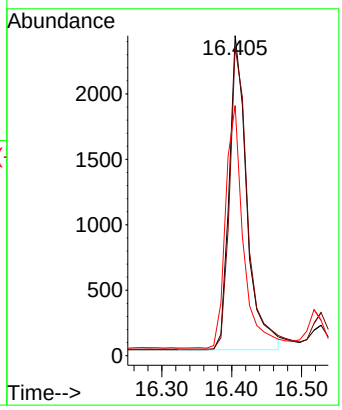


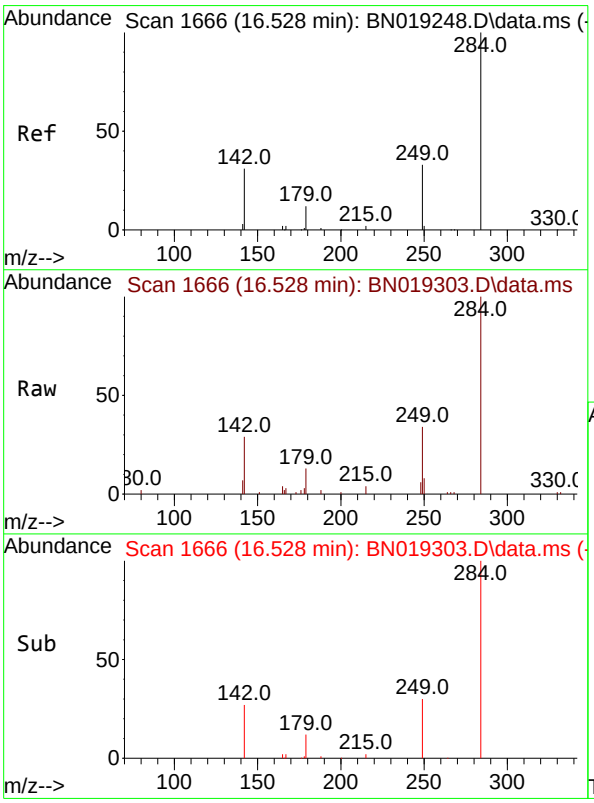
#21
4-Bromophenyl-phenylether
Concen: 0.340 ng
RT: 16.405 min Scan# 1(
Delta R.T. -0.000 min
Lab File: BN019303.D
Acq: 02 Apr 2022 01:43

Instrument :
BNA_N
ClientSampleId :
PB143805BSD

Tgt Ion:248 Resp: 4242

Ion	Ratio	Lower	Upper
248	100		
250	96.5	80.7	121.1
141	78.2	39.6	59.4#

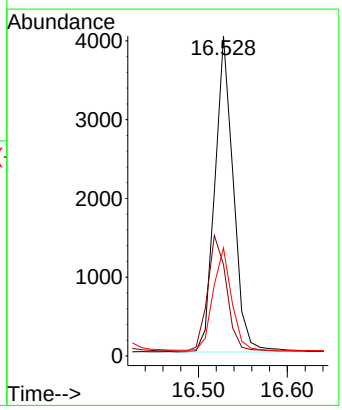


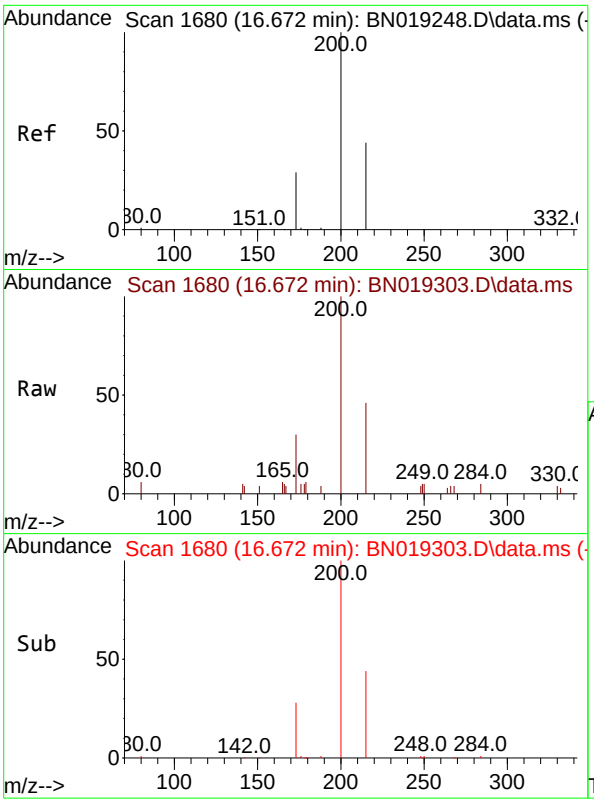


#22
Hexachlorobenzene
Concen: 0.357 ng
RT: 16.528 min Scan# 1666
Delta R.T. -0.000 min
Lab File: BN019303.D
Acq: 02 Apr 2022 01:43

Tgt Ion:284 Resp: 5797

Ion	Ratio	Lower	Upper
284	100		
142	37.8	29.8	44.8
249	32.2	26.2	39.2



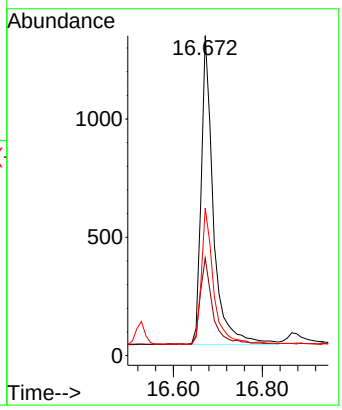


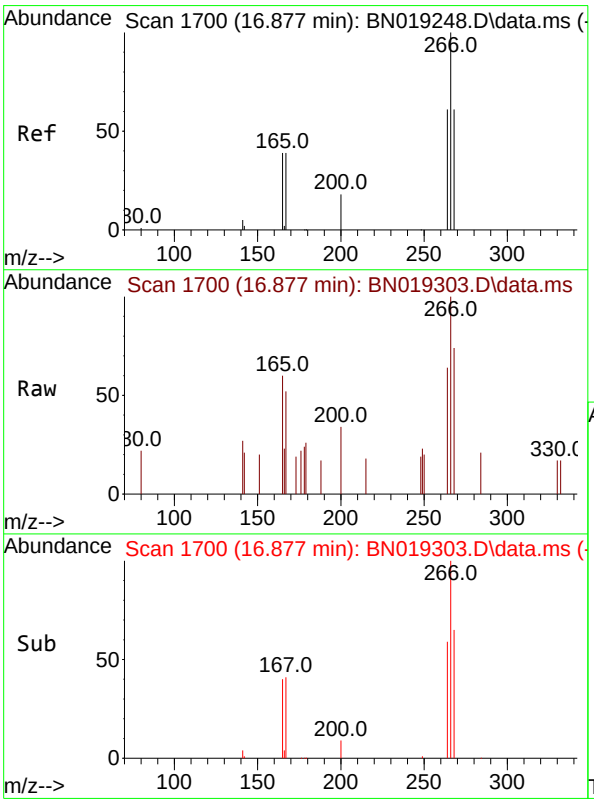
#23
Atrazine
Concen: 0.290 ng
RT: 16.672 min Scan# 1(
Delta R.T. -0.000 min
Lab File: BN019303.D
Acq: 02 Apr 2022 01:43

Instrument :
BNA_N
ClientSampleId :
PB143805BSD

Tgt Ion:200 Resp: 2481

Ion	Ratio	Lower	Upper
200	100		
173	30.5	23.9	35.9
215	46.1	36.6	54.8

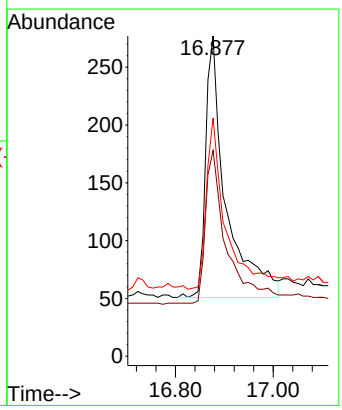


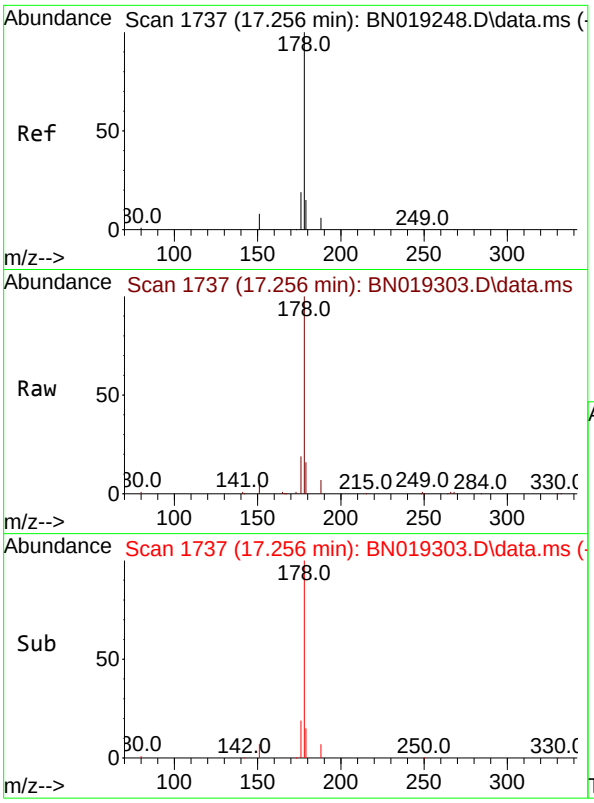


#24
Pentachlorophenol
Concen: 0.140 ng
RT: 16.877 min Scan# 1700
Delta R.T. -0.000 min
Lab File: BN019303.D
Acq: 02 Apr 2022 01:43

Tgt Ion:266 Resp: 654

Ion	Ratio	Lower	Upper
266	100		
264	61.0	50.2	75.4
268	65.4	51.9	77.9



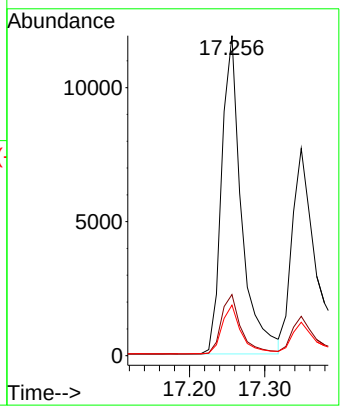


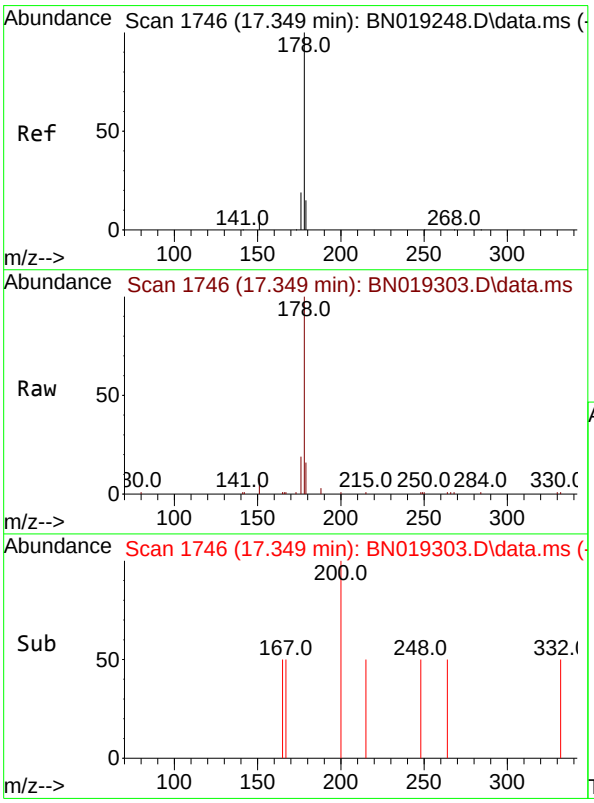
#25
Phenanthrene
Concen: 0.356 ng
RT: 17.256 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN019303.D
Acq: 02 Apr 2022 01:43

Instrument :
BNA_N
ClientSampleId :
PB143805BSD

Tgt Ion:178 Resp: 21823

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.4	23.0
179	15.2	12.2	18.2

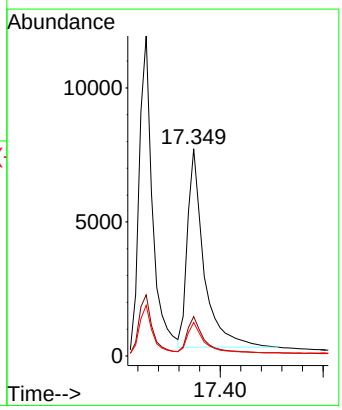


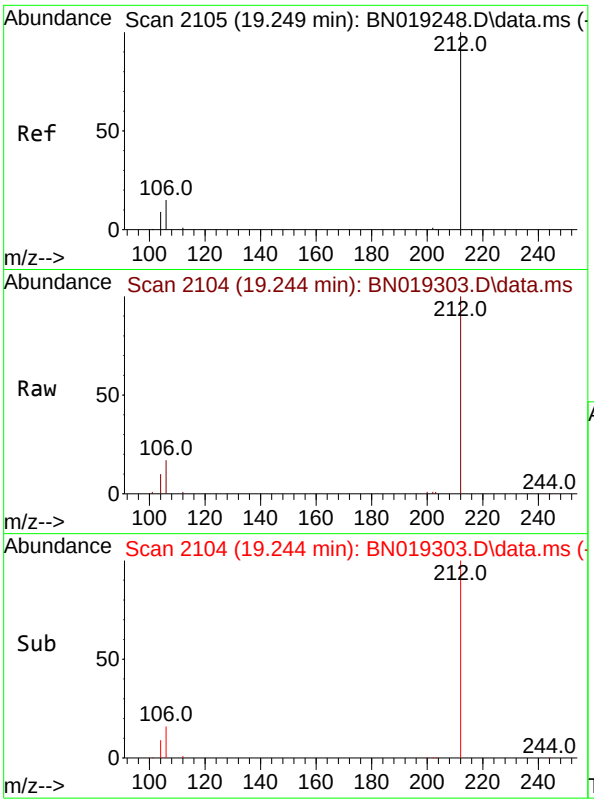


#26
Anthracene
Concen: 0.325 ng
RT: 17.349 min Scan# 1746
Delta R.T. -0.000 min
Lab File: BN019303.D
Acq: 02 Apr 2022 01:43

Tgt Ion:178 Resp: 16461

Ion	Ratio	Lower	Upper
178	100		
176	18.0	14.8	22.2
179	14.9	12.2	18.4



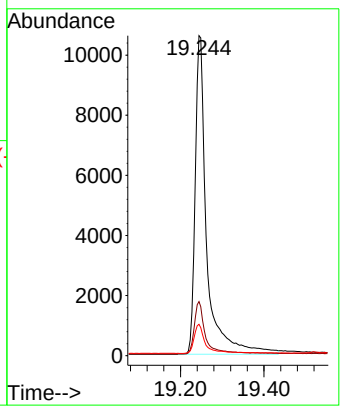


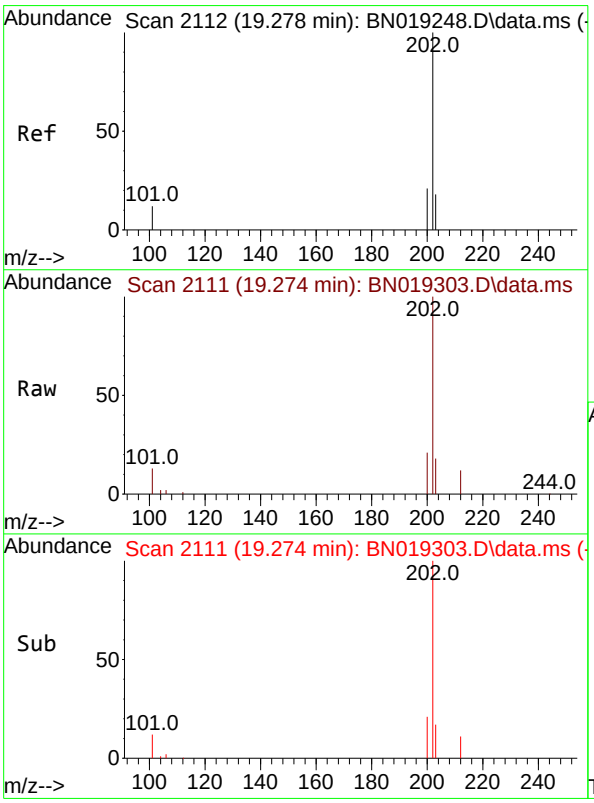
#27
Fluoranthene-d10
Concen: 0.349 ng
RT: 19.244 min Scan# 21
Delta R.T. -0.004 min
Lab File: BN019303.D
Acq: 02 Apr 2022 01:43

Instrument :
BNA_N
ClientSampleId :
PB143805BSD

Tgt Ion:212 Resp: 20382

Ion	Ratio	Lower	Upper
212	100		
106	15.7	12.7	19.1
104	8.8	7.1	10.7

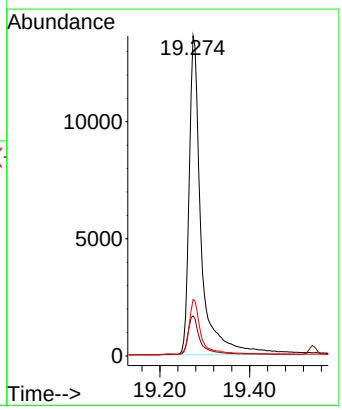


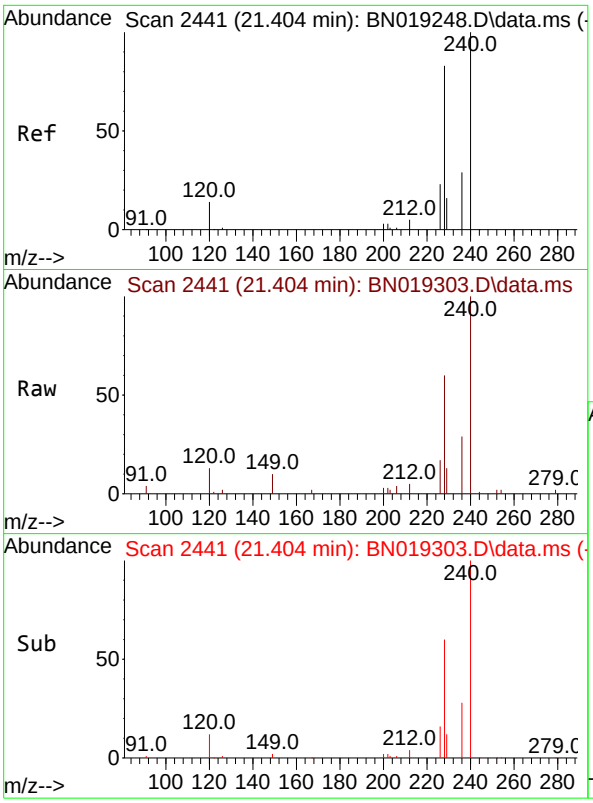


#28
Fluoranthene
Concen: 0.349 ng
RT: 19.274 min Scan# 2111
Delta R.T. -0.004 min
Lab File: BN019303.D
Acq: 02 Apr 2022 01:43

Tgt Ion:202 Resp: 25468

Ion	Ratio	Lower	Upper
202	100		
101	12.7	9.8	14.6
203	16.6	13.7	20.5



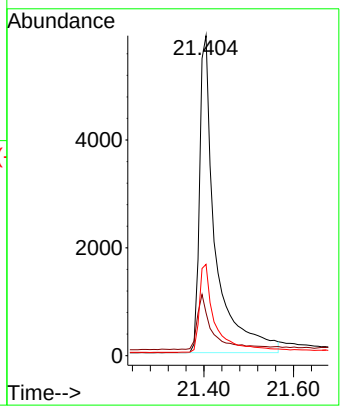


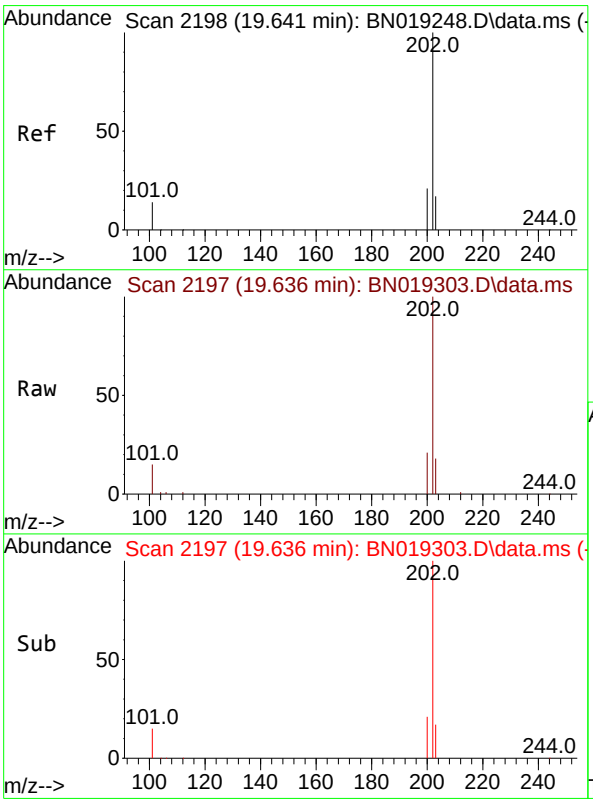
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.404 min Scan# 24
Delta R.T. -0.000 min
Lab File: BN019303.D
Acq: 02 Apr 2022 01:43

Instrument :
BNA_N
ClientSampleId :
PB143805BSD

Tgt Ion:240 Resp: 14515

Ion	Ratio	Lower	Upper
240	100		
120	13.4	8.5	12.7#
236	28.5	22.4	33.6

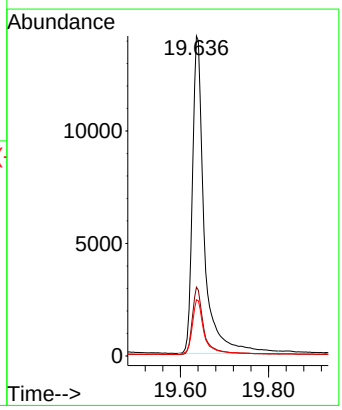


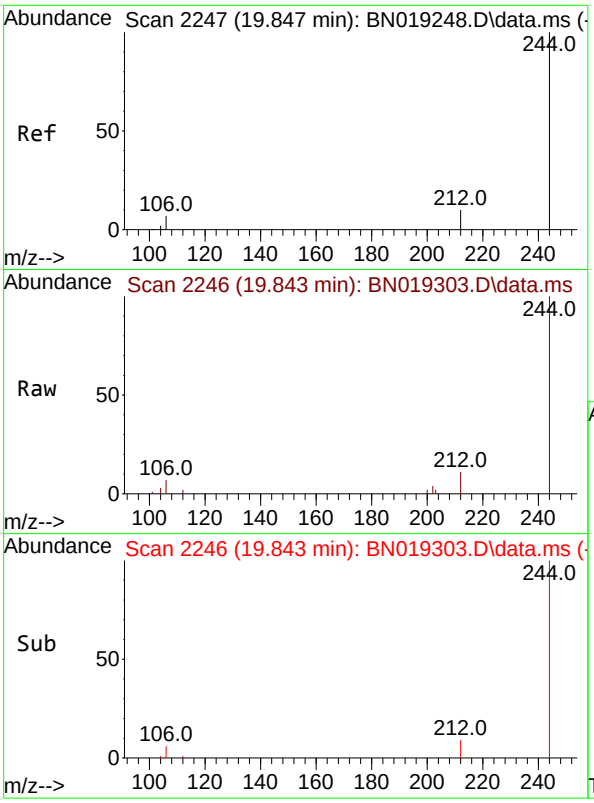


#30
Pyrene
Concen: 0.370 ng
RT: 19.636 min Scan# 2197
Delta R.T. -0.004 min
Lab File: BN019303.D
Acq: 02 Apr 2022 01:43

Tgt Ion:202 Resp: 26553

Ion	Ratio	Lower	Upper
202	100		
200	20.9	16.9	25.3
203	17.6	14.2	21.2



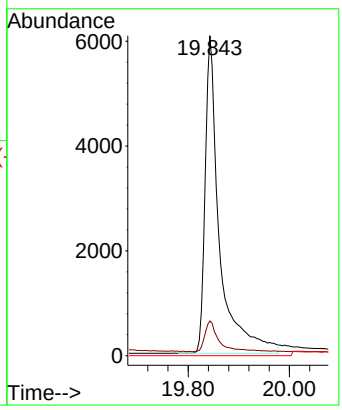


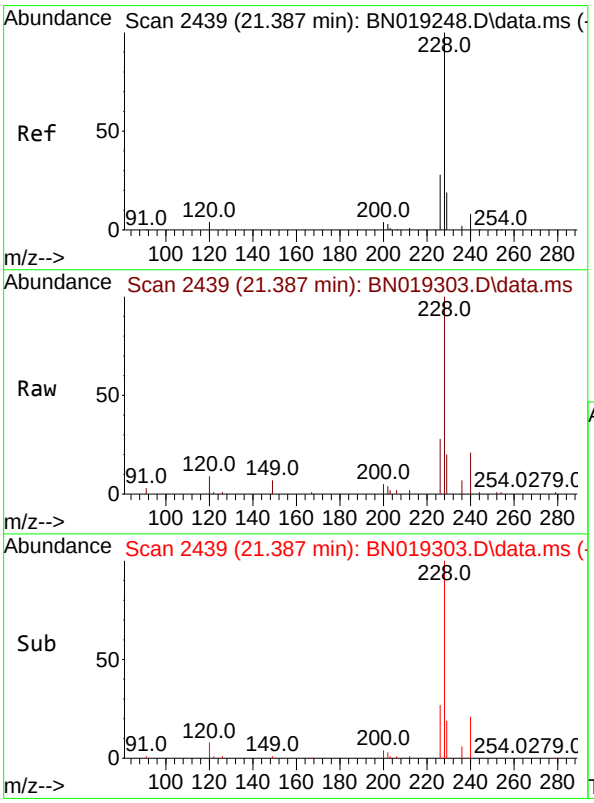
#31
Terphenyl-d14
Concen: 0.369 ng
RT: 19.843 min Scan# 2
Delta R.T. -0.004 min
Lab File: BN019303.D
Acq: 02 Apr 2022 01:43

Instrument :
BNA_N
ClientSampleId :
PB143805BSD

Tgt Ion:244 Resp: 11928

Ion	Ratio	Lower	Upper
244	100		
212	10.9	8.2	12.4
122	0.0	0.0	0.0

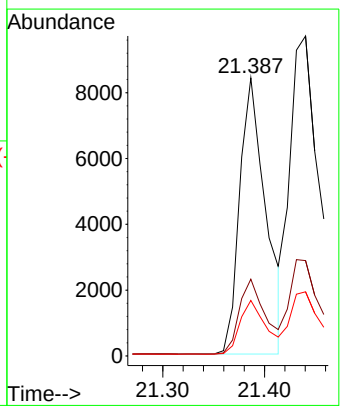


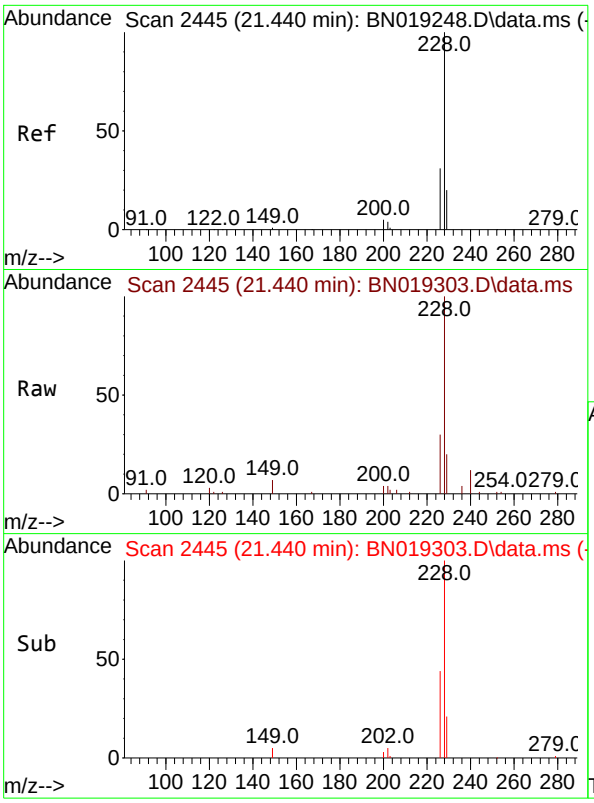


#32
Benzo(a)anthracene
Concen: 0.329 ng
RT: 21.387 min Scan# 2439
Delta R.T. -0.000 min
Lab File: BN019303.D
Acq: 02 Apr 2022 01:43

Tgt Ion:228 Resp: 14983

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



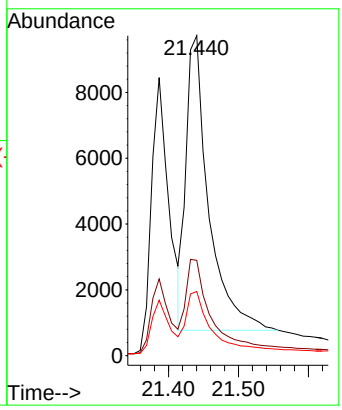


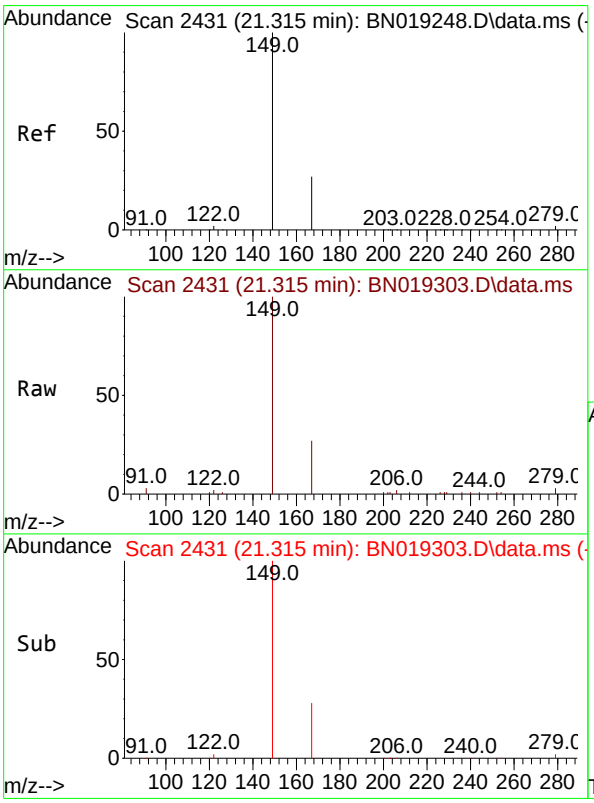
#33
Chrysene
Concen: 0.345 ng
RT: 21.440 min Scan# 24
Delta R.T. -0.000 min
Lab File: BN019303.D
Acq: 02 Apr 2022 01:43

Instrument :
BNA_N
ClientSampleId :
PB143805BSD

Tgt Ion:228 Resp: 20082

Ion	Ratio	Lower	Upper
228	100		
226	29.8	24.0	36.0
229	20.1	15.9	23.9

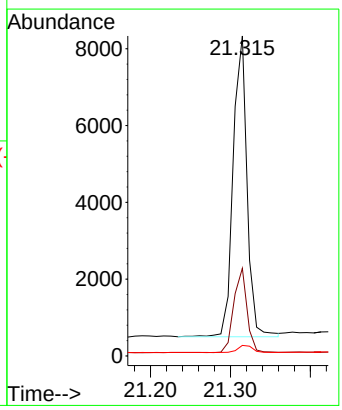


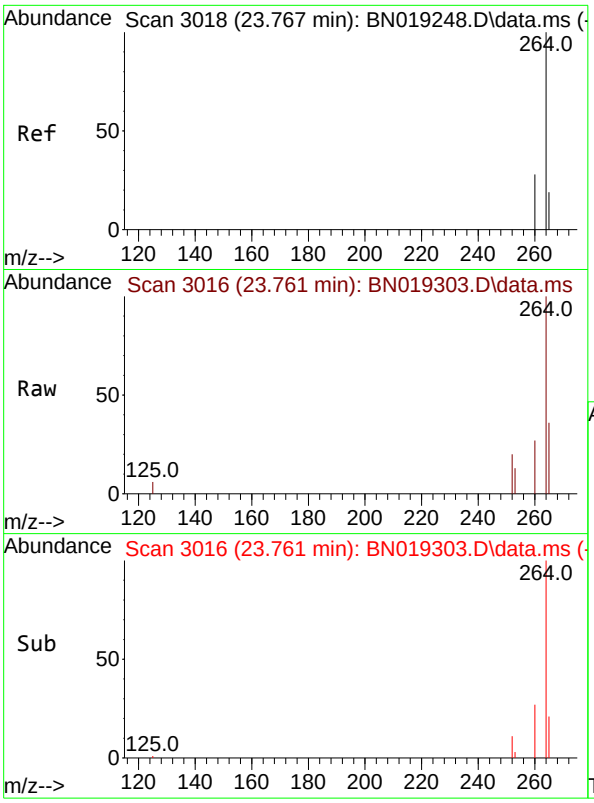


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.312 ng
RT: 21.315 min Scan# 2431
Delta R.T. -0.000 min
Lab File: BN019303.D
Acq: 02 Apr 2022 01:43

Tgt Ion:149 Resp: 9472

Ion	Ratio	Lower	Upper
149	100		
167	26.4	21.8	32.8
279	2.6	2.0	3.0



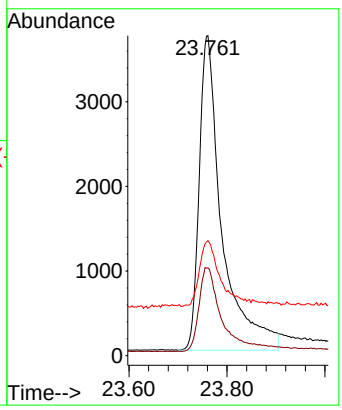


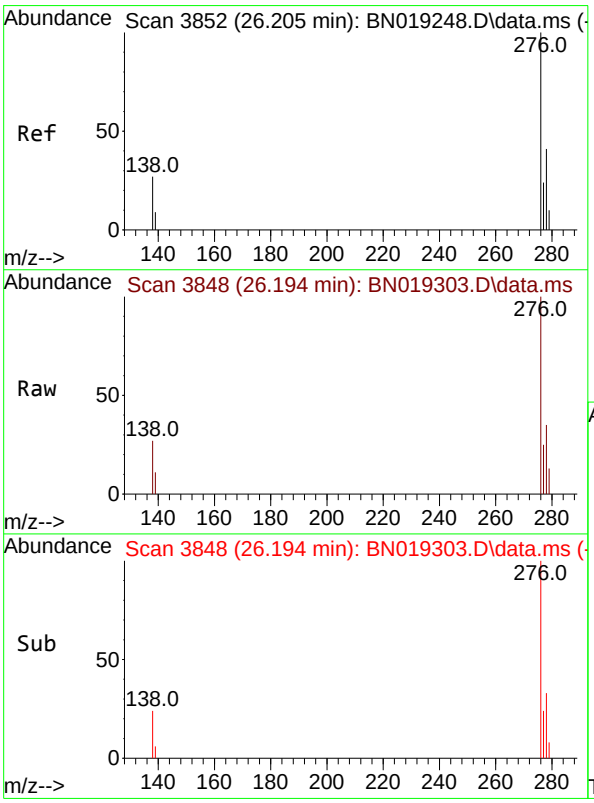
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.761 min Scan# 3
Delta R.T. -0.006 min
Lab File: BN019303.D
Acq: 02 Apr 2022 01:43

Instrument :
BNA_N
ClientSampleId :
PB143805BSD

Tgt Ion:264 Resp: 11951

Ion	Ratio	Lower	Upper
264	100		
260	27.5	22.4	33.6
265	36.0	25.3	37.9

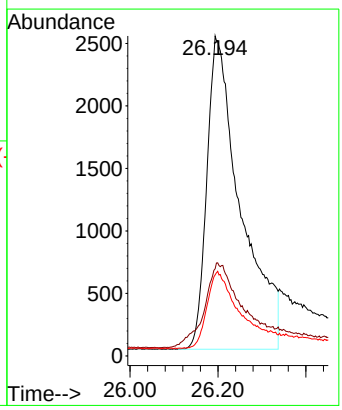


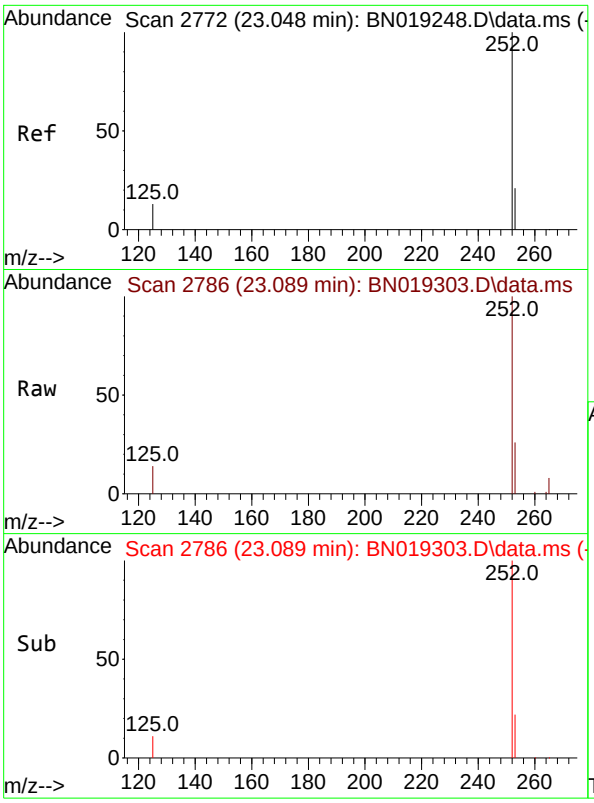


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.273 ng
RT: 26.194 min Scan# 3848
Delta R.T. -0.012 min
Lab File: BN019303.D
Acq: 02 Apr 2022 01:43

Tgt Ion:276 Resp: 13343

Ion	Ratio	Lower	Upper
276	100		
138	28.5	24.5	36.7
277	23.3	19.8	29.8



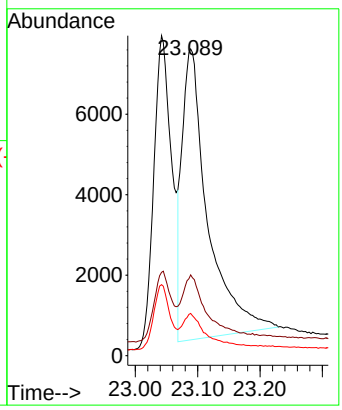


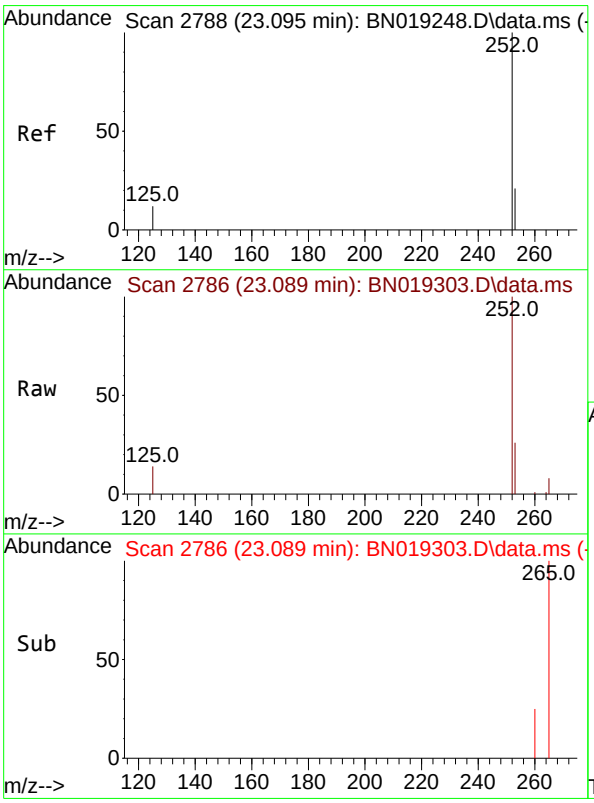
#37
Benzo(b)fluoranthene
Concen: 0.464 ng
RT: 23.089 min Scan# 2
Delta R.T. 0.041 min
Lab File: BN019303.D
Acq: 02 Apr 2022 01:43

Instrument :
BNA_N
ClientSampleId :
PB143805BSD

Tgt Ion:252 Resp: 20613

Ion	Ratio	Lower	Upper
252	100		
253	26.3	18.9	28.3
125	13.8	12.1	18.1

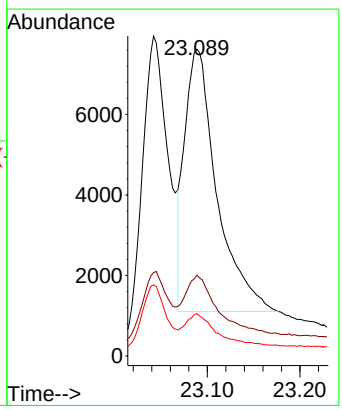


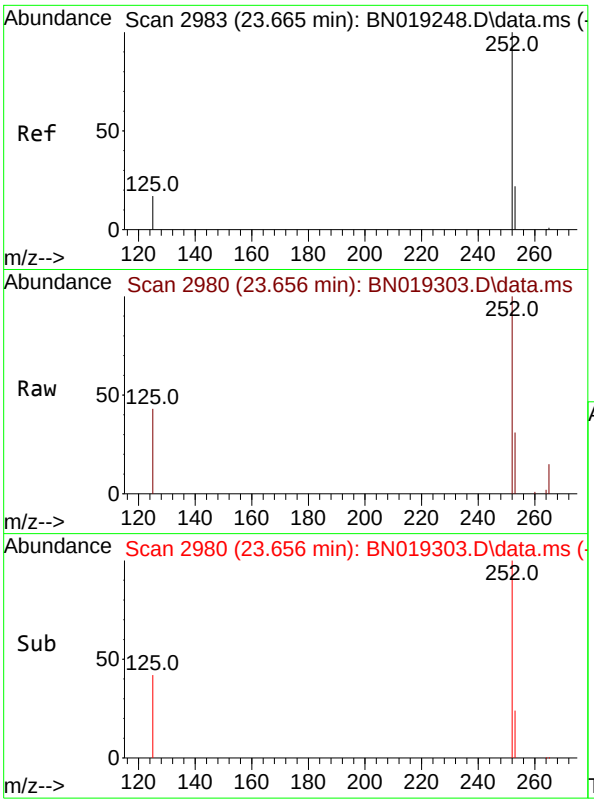


#38
Benzo(k)fluoranthene
Concen: 0.329 ng
RT: 23.089 min Scan# 2786
Delta R.T. -0.006 min
Lab File: BN019303.D
Acq: 02 Apr 2022 01:43

Tgt Ion:252 Resp: 15740

Ion	Ratio	Lower	Upper
252	100		
253	26.3	18.9	28.3
125	13.8	10.3	15.5



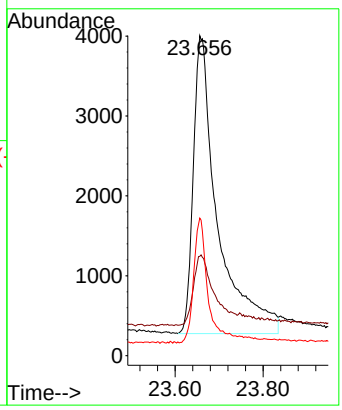


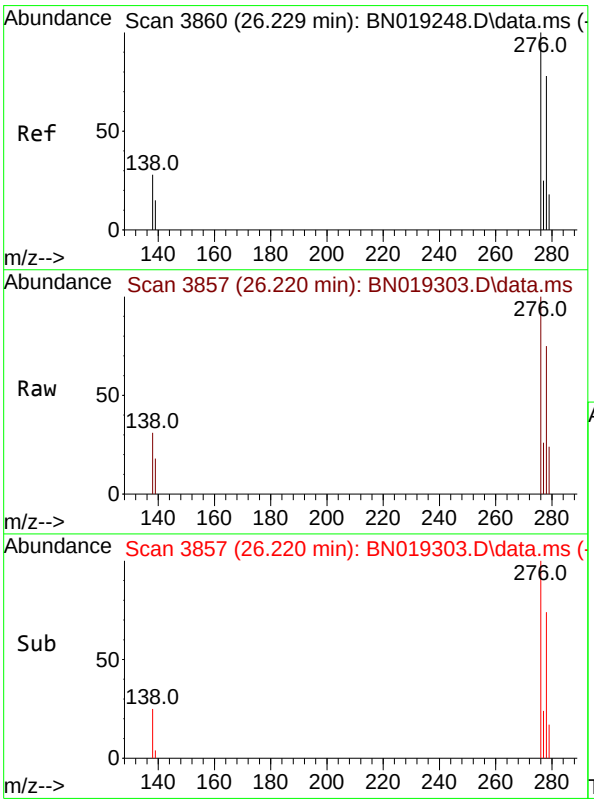
#39
Benzo(a)pyrene
Concen: 0.355 ng
RT: 23.656 min Scan# 2
Delta R.T. -0.009 min
Lab File: BN019303.D
Acq: 02 Apr 2022 01:43

Instrument :
BNA_N
ClientSampleId :
PB143805BSD

Tgt Ion:252 Resp: 14338

Ion	Ratio	Lower	Upper
252	100		
253	31.0	20.1	30.1#
125	43.0	15.2	22.8#

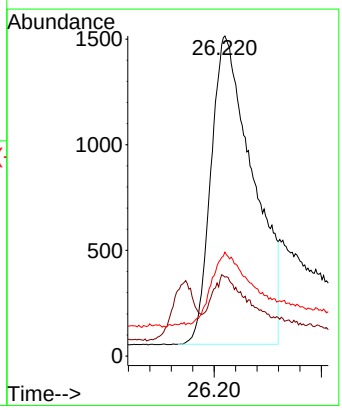


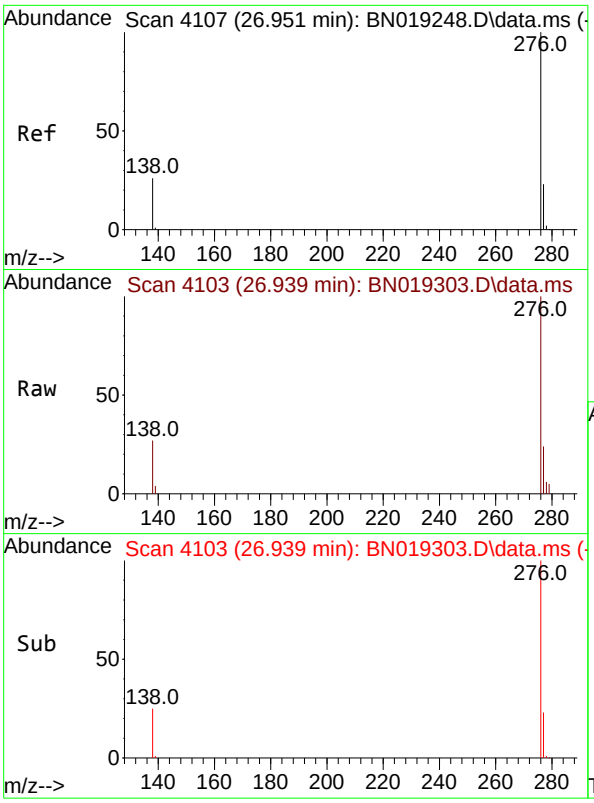


#40
Dibenzo(a,h)anthracene
Concen: 0.222 ng
RT: 26.220 min Scan# 3857
Delta R.T. -0.009 min
Lab File: BN019303.D
Acq: 02 Apr 2022 01:43

Tgt Ion:278 Resp: 7934

Ion	Ratio	Lower	Upper
278	100		
139	24.7	17.2	25.8
279	32.5	19.9	29.9#





#41
Benzo(g,h,i)perylene
Concen: 0.275 ng
RT: 26.939 min Scan# 4
Delta R.T. -0.012 min
Lab File: BN019303.D
Acq: 02 Apr 2022 01:43

Instrument :
BNA_N
ClientSampleId :
PB143805BSD

Tgt Ion:276 Resp: 13688

Ion	Ratio	Lower	Upper
276	100		
277	24.3	19.4	29.0
138	27.2	21.0	31.6