Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN033122\
Data File : BN019313.D
Acq On : 02 Apr 2022 07:39
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Apr 04 06:03:36 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	4517	0.400	ng		0.00
7) Naphthalene-d8	10.637	136	13513	0.400	ng		0.00
13) Acenaphthene-d10	14.463	164	8208	0.400	ng		-0.01
19) Phenanthrene-d10	17.205	188	16320	0.400	ng		-0.01
29) Chrysene-d12	21.395	240	12488	0.400	ng		# 0.00
35) Perylene-d12	23.758	264	9733	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.384	112	5236	0.530	ng		0.00
5) Phenol-d6	6.995	99	5814	0.555	ng		0.00
8) Nitrobenzene-d5	8.982	82	4495	0.463	ng		-0.01
11) 2-Methylnaphthalene-d10	12.227	152	10437	0.486	ng		0.00
14) 2,4,6-Tribromophenol	15.964	330	1620	0.422	ng		0.00
15) 2-Fluorobiphenyl	13.095	172	15441	0.469	ng		-0.01
27) Fluoranthene-d10	19.244	212	24281	0.495	ng		0.00
31) Terphenyl-d14	19.839	244	13444	0.484	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.225	88	2231	0.372	ng		90
3) n-Nitrosodimethylamine	3.557	42	2504	0.400	ng		96
6) bis(2-Chloroethyl)ether	7.248	93	5991	0.479	ng		97
9) Naphthalene	10.680	128	18238	0.466	ng		99
10) Hexachlorobutadiene	10.979	225	4282	0.468	ng	#	99
12) 2-Methylnaphthalene	12.299	142	12123	0.480	ng		98
16) Acenaphthylene	14.185	152	18035	0.477	ng		100
17) Acenaphthene	14.527	154	12439	0.462	ng		98
18) Fluorene	15.511	166	15605	0.464	ng		99
20) 4,6-Dinitro-2-methylph...	15.618	198	112	0.130	ng	#	1
21) 4-Bromophenyl-phenylether	16.405	248	4779	0.456	ng	#	94
22) Hexachlorobenzene	16.528	284	6427	0.472	ng		99
23) Atrazine	16.672	200	3246	0.452	ng		97
24) Pentachlorophenol	16.866	266	938	0.239	ng		99
25) Phenanthrene	17.246	178	24043	0.468	ng		100
26) Anthracene	17.338	178	20349	0.479	ng		100
28) Fluoranthene	19.274	202	29926	0.488	ng		99
30) Pyrene	19.636	202	31250	0.507	ng		100
32) Benzo(a)anthracene	21.386	228	21059	0.538	ng		99
33) Chrysene	21.431	228	23059	0.461	ng		98
34) Bis(2-ethylhexyl)phtha...	21.315	149	17908	0.685	ng	#	99
36) Indeno(1,2,3-cd)pyrene	26.191	276	15187	0.382	ng		93
37) Benzo(b)fluoranthene	23.086	252	21190	0.586	ng		96
38) Benzo(k)fluoranthene	23.086	252	17278	0.443	ng		94
39) Benzo(a)pyrene	23.653	252	14537	0.443	ng	#	82
40) Dibenzo(a,h)anthracene	26.211	278	9242	0.318	ng	#	87
41) Benzo(g,h,i)perylene	26.930	276	15039	0.371	ng		97

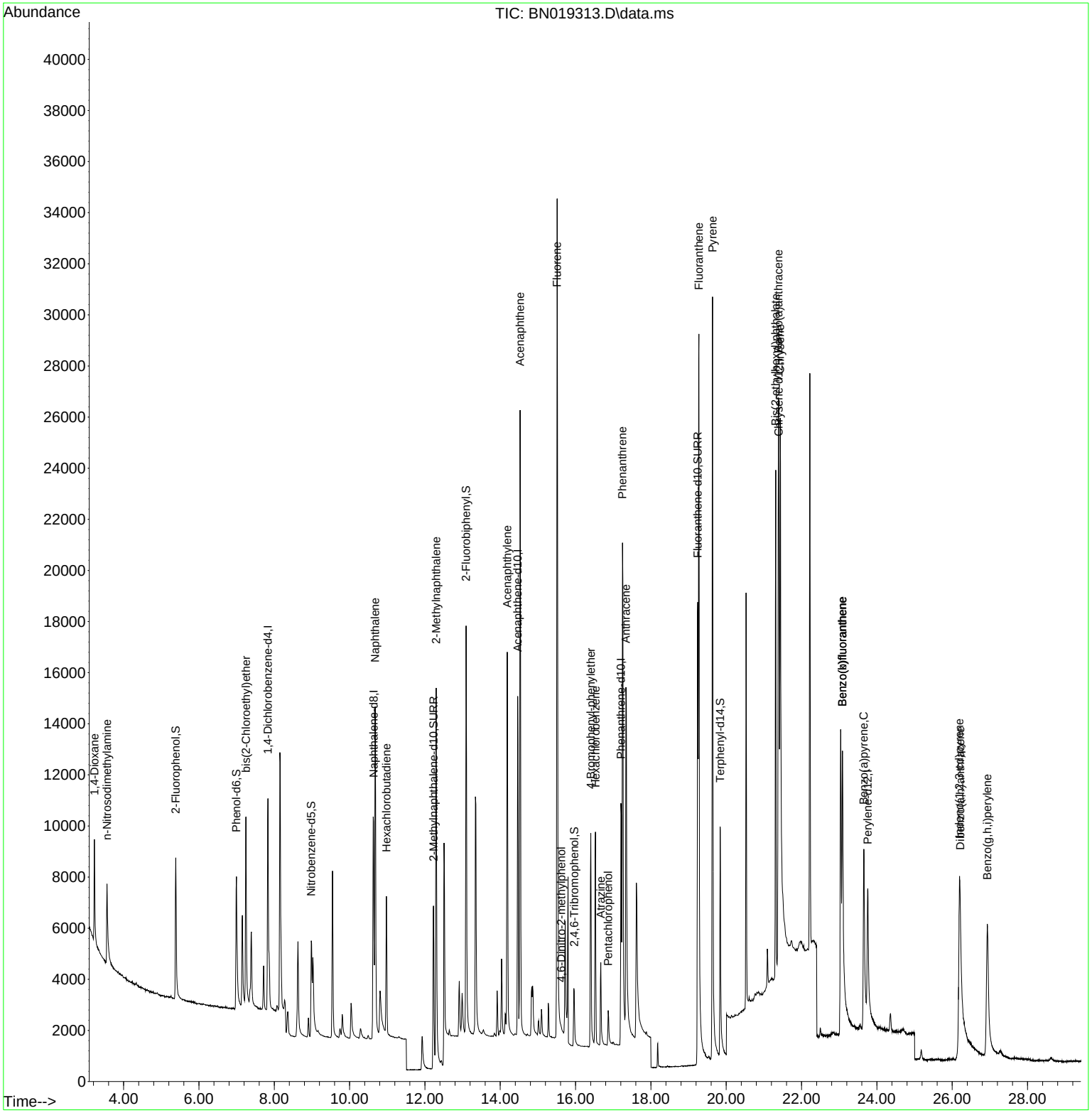
(#) = qualifier out of range (m) = manual integration (+) = signals summed

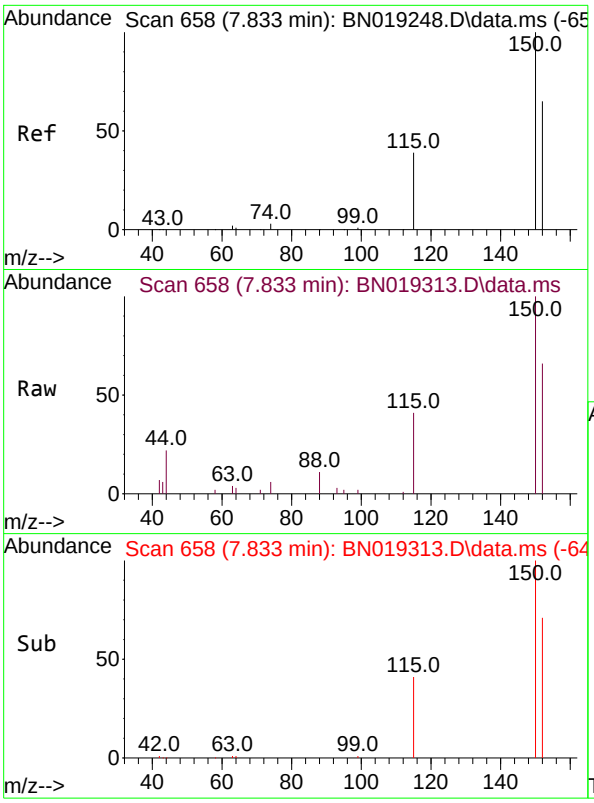
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN033122\
Data File : BN019313.D
Acq On : 02 Apr 2022 07:39
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Apr 04 06:03:36 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



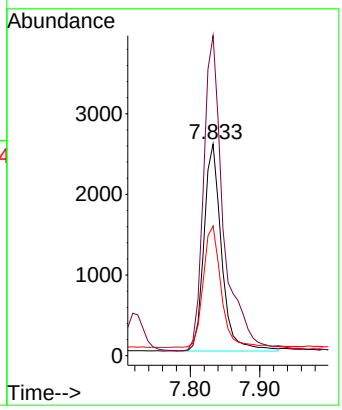


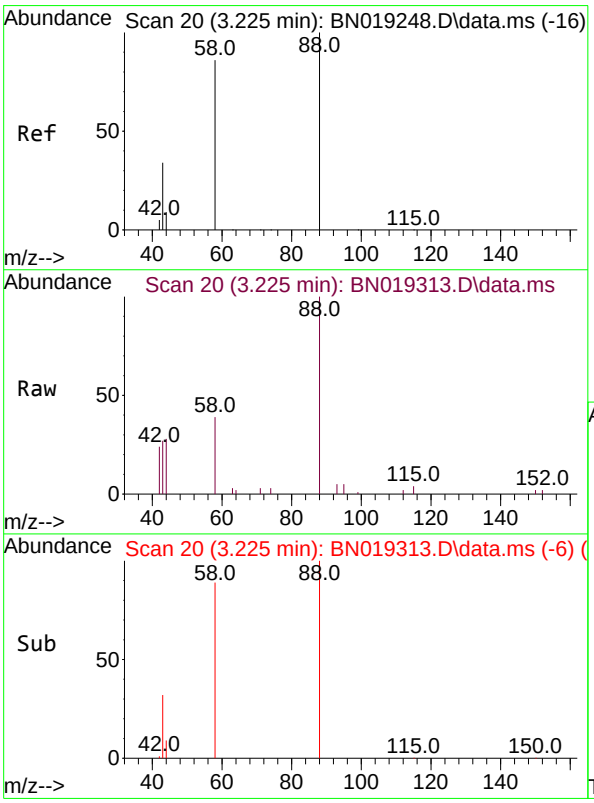
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.833 min Scan# 6
Delta R.T. -0.000 min
Lab File: BN019313.D
Acq: 02 Apr 2022 07:39

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 4517

Ion	Ratio	Lower	Upper
152	100		
150	151.2	123.9	185.9
115	61.3	48.2	72.4

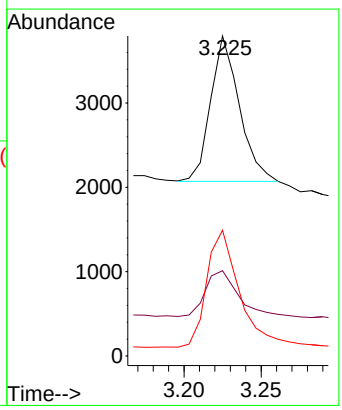


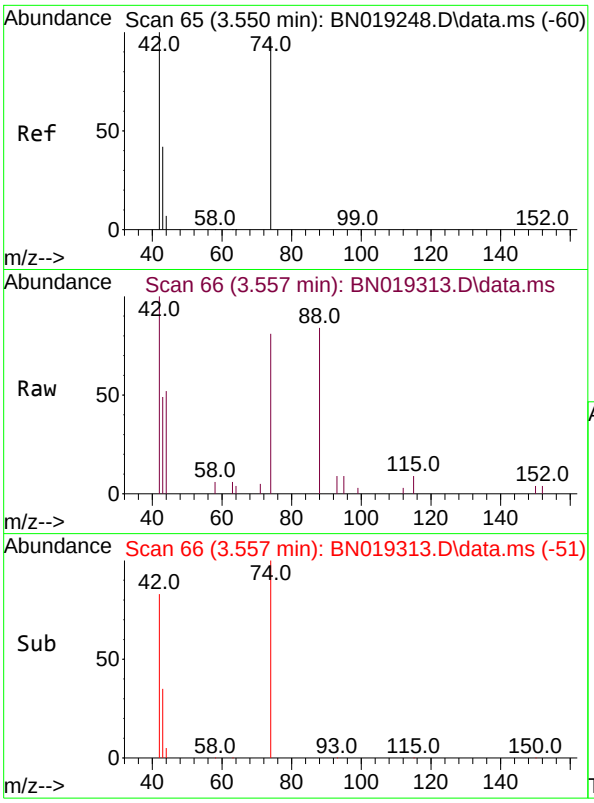


#2
1,4-Dioxane
Concen: 0.372 ng
RT: 3.225 min Scan# 20
Delta R.T. -0.000 min
Lab File: BN019313.D
Acq: 02 Apr 2022 07:39

Tgt Ion: 88 Resp: 2231

Ion	Ratio	Lower	Upper
88	100		
43	35.5	24.6	37.0
58	91.4	65.4	98.2



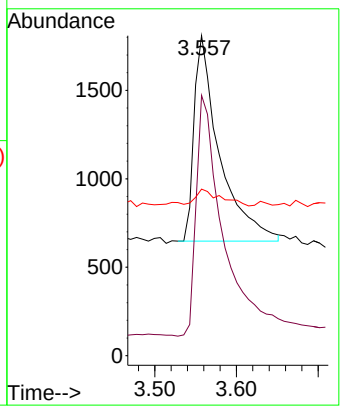


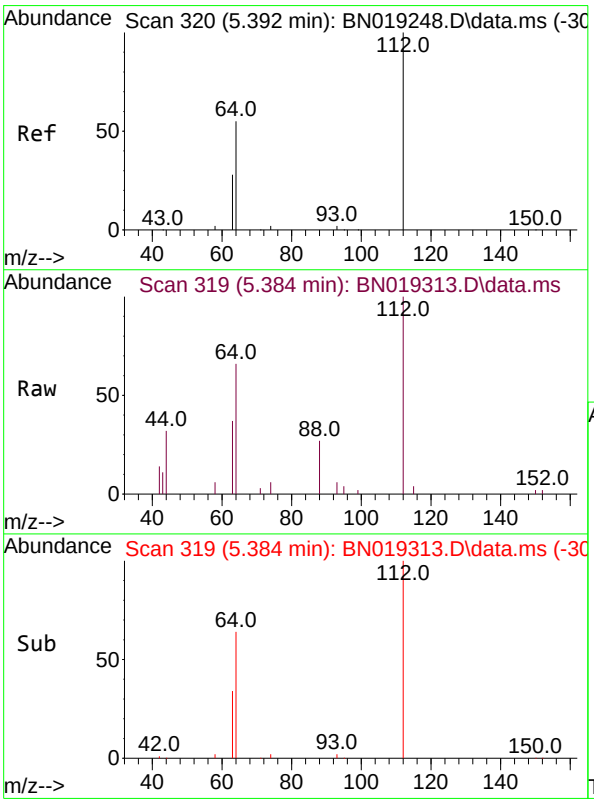
#3
n-Nitrosodimethylamine
Concen: 0.400 ng
RT: 3.557 min Scan# 6
Delta R.T. 0.007 min
Lab File: BN019313.D
Acq: 02 Apr 2022 07:39

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 42 Resp: 2504

Ion	Ratio	Lower	Upper
42	100		
74	126.0	96.9	145.3
44	7.9	7.3	10.9

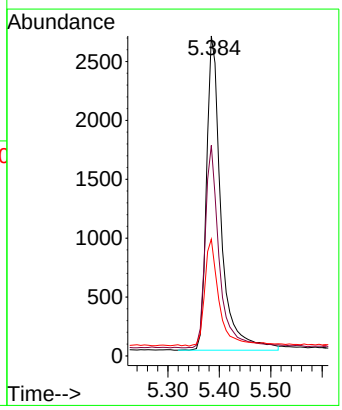


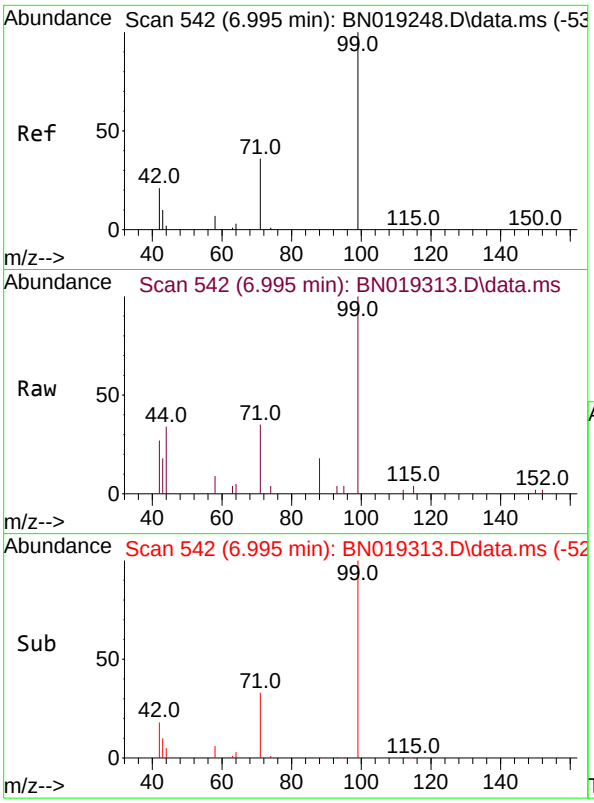


#4
2-Fluorophenol
Concen: 0.530 ng
RT: 5.384 min Scan# 319
Delta R.T. -0.007 min
Lab File: BN019313.D
Acq: 02 Apr 2022 07:39

Tgt Ion:112 Resp: 5236

Ion	Ratio	Lower	Upper
112	100		
64	63.1	47.8	71.8
63	34.1	25.7	38.5



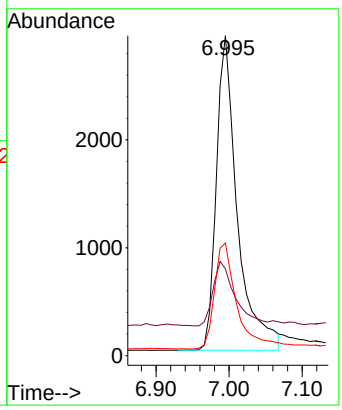


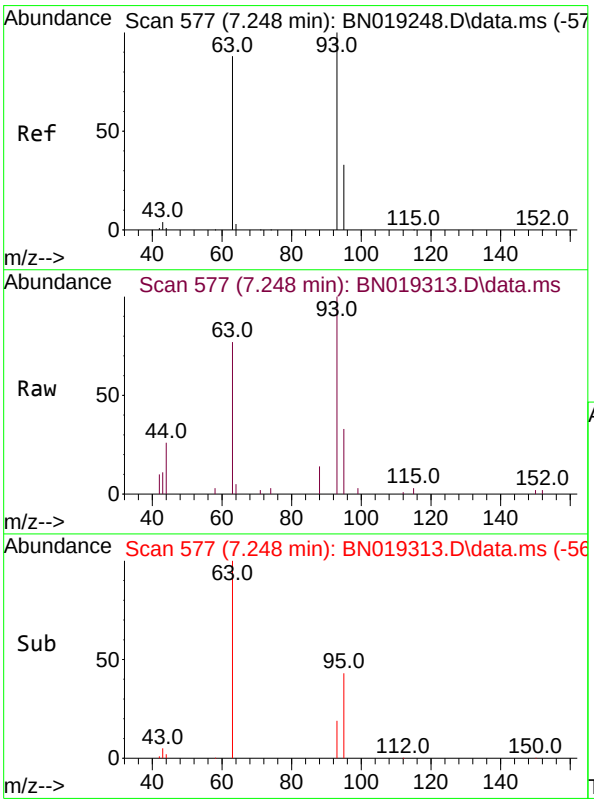
#5
Phenol-d6
Concen: 0.555 ng
RT: 6.995 min Scan# 54
Delta R.T. -0.000 min
Lab File: BN019313.D
Acq: 02 Apr 2022 07:39

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 99 Resp: 5814

Ion	Ratio	Lower	Upper
99	100		
42	22.2	16.2	24.4
71	35.6	27.7	41.5

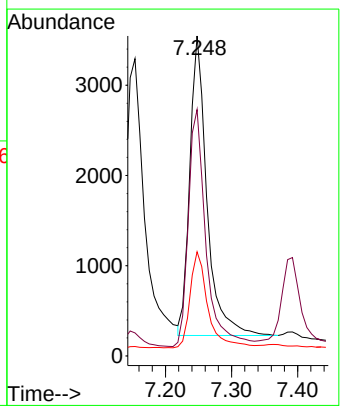


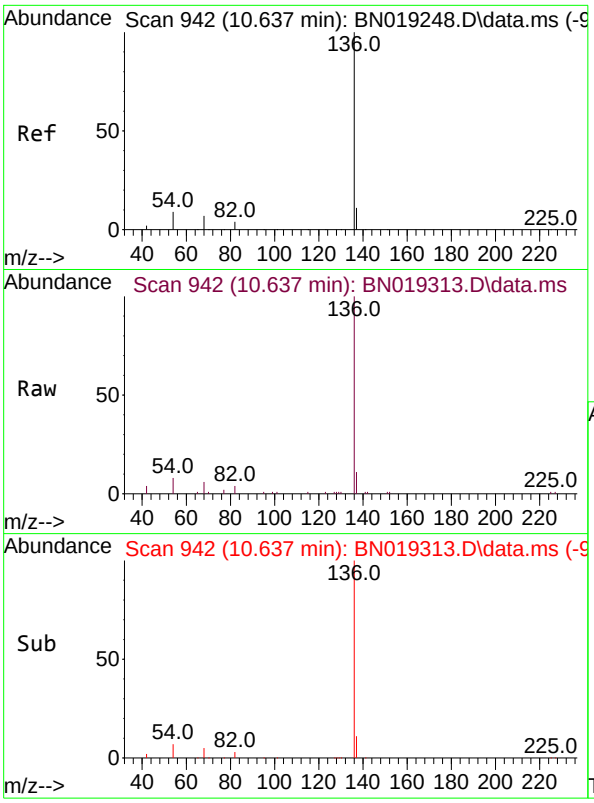


#6
bis(2-Chloroethyl)ether
Concen: 0.479 ng
RT: 7.248 min Scan# 577
Delta R.T. -0.000 min
Lab File: BN019313.D
Acq: 02 Apr 2022 07:39

Tgt Ion: 93 Resp: 5991

Ion	Ratio	Lower	Upper
93	100		
63	81.5	62.8	94.2
95	33.3	26.2	39.4



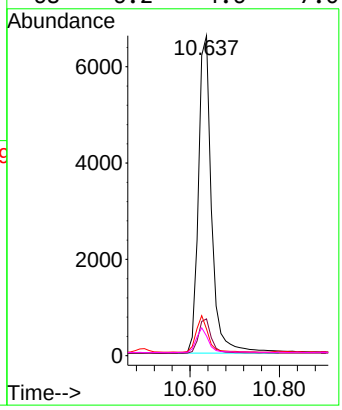


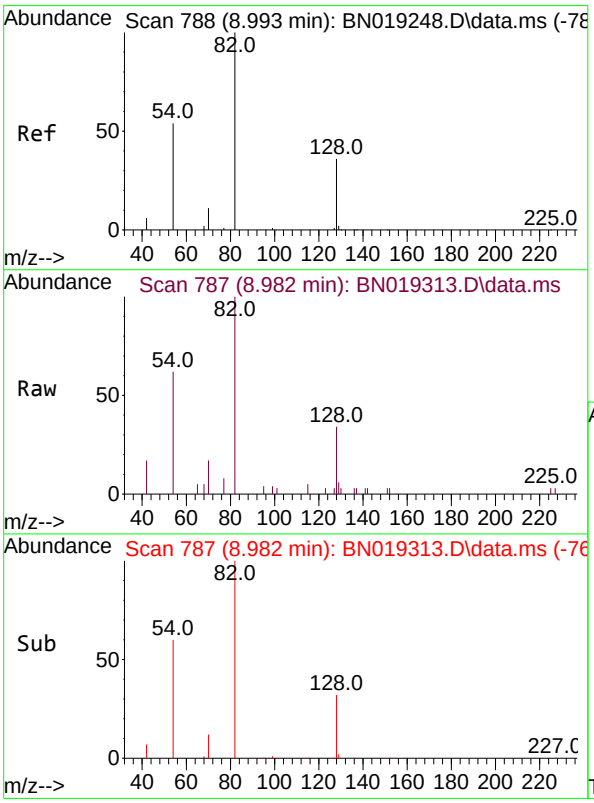
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.637 min Scan# 94
Delta R.T. -0.000 min
Lab File: BN019313.D
Acq: 02 Apr 2022 07:39

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:136 Resp: 13513

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.0	13.4
54	8.4	5.8	8.6
68	6.2	4.6	7.0

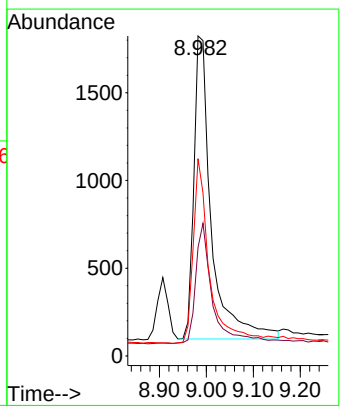


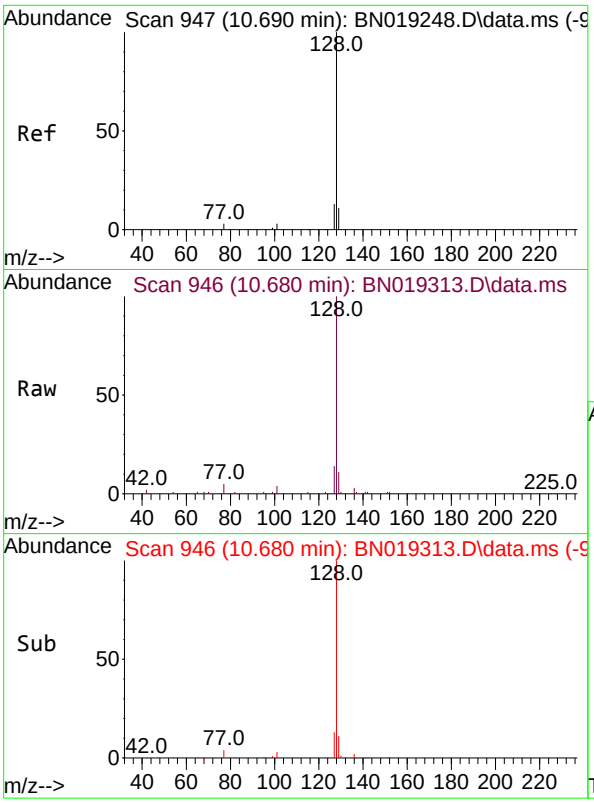


#8
Nitrobenzene-d5
Concen: 0.463 ng
RT: 8.982 min Scan# 787
Delta R.T. -0.011 min
Lab File: BN019313.D
Acq: 02 Apr 2022 07:39

Tgt Ion: 82 Resp: 4495

Ion	Ratio	Lower	Upper
82	100		
128	33.9	33.0	49.6
54	61.6	42.5	63.7



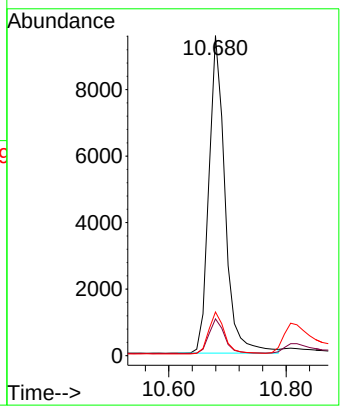


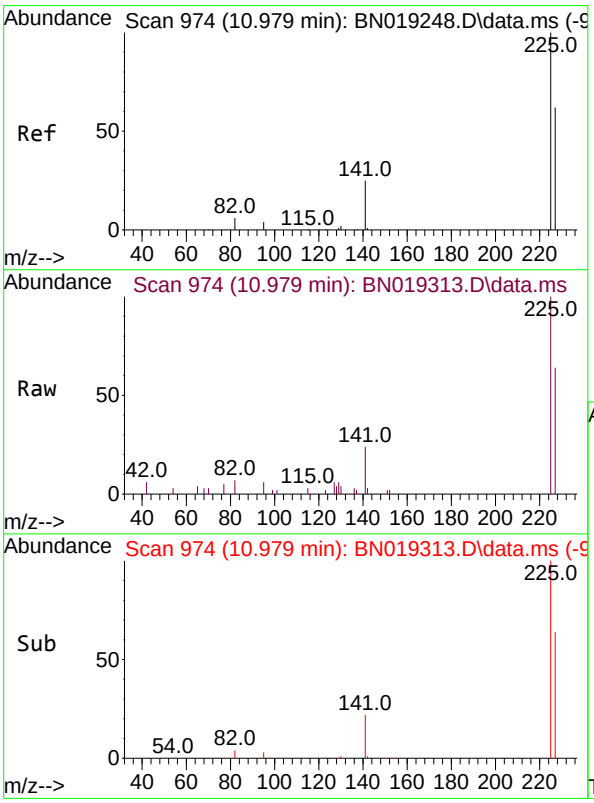
#9
Naphthalene
Concen: 0.466 ng
RT: 10.680 min Scan# 94
Delta R.T. -0.011 min
Lab File: BN019313.D
Acq: 02 Apr 2022 07:39

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:128 Resp: 18238

Ion	Ratio	Lower	Upper
128	100		
129	11.5	9.0	13.4
127	13.6	10.7	16.1

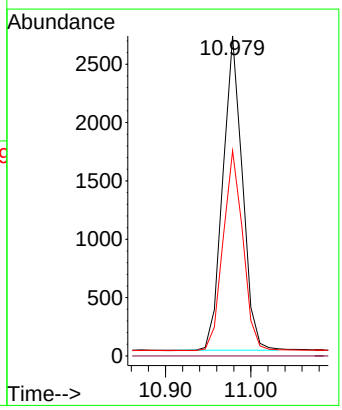


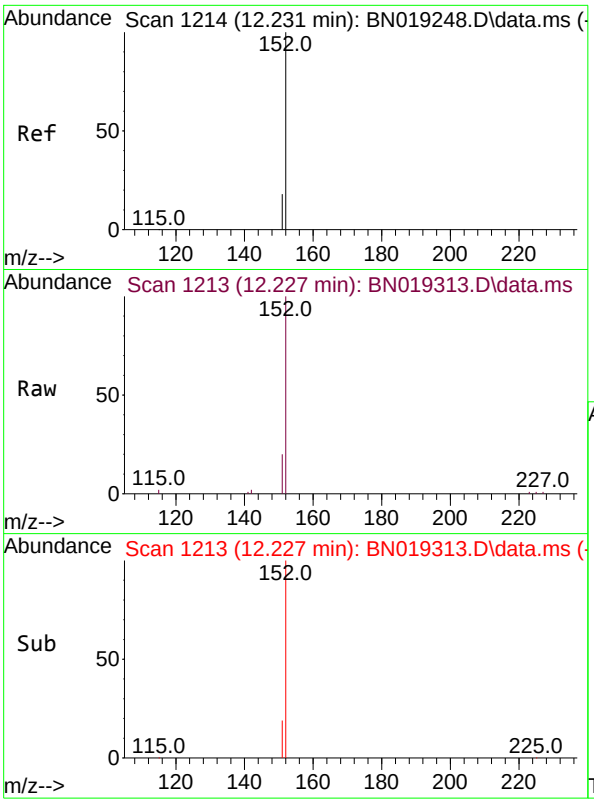


#10
Hexachlorobutadiene
Concen: 0.468 ng
RT: 10.979 min Scan# 974
Delta R.T. -0.000 min
Lab File: BN019313.D
Acq: 02 Apr 2022 07:39

Tgt Ion:225 Resp: 4282

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	64.6	51.0	76.6



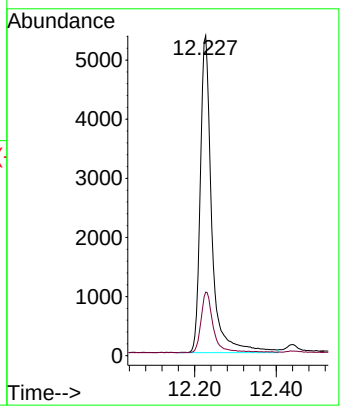


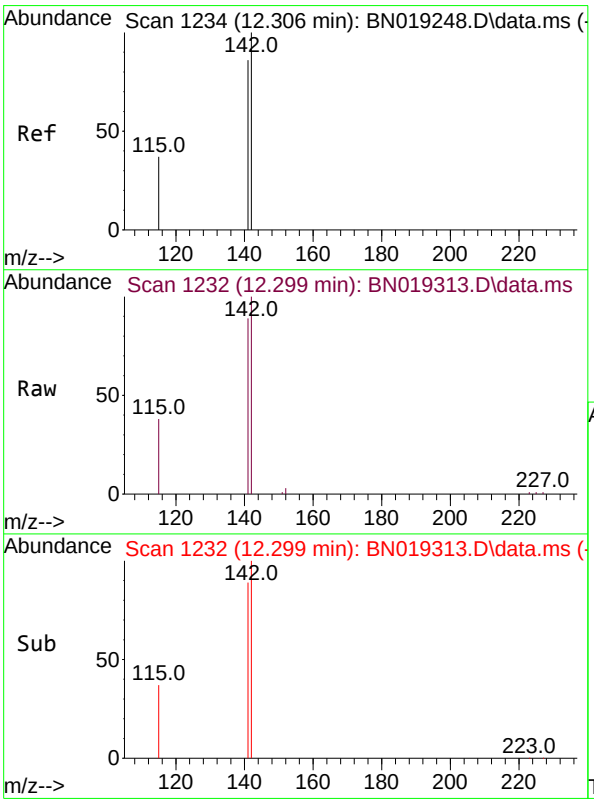
#11
2-Methylnaphthalene-d10
Concen: 0.486 ng
RT: 12.227 min Scan# 1
Delta R.T. -0.004 min
Lab File: BN019313.D
Acq: 02 Apr 2022 07:39

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 10437

Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.5	24.7

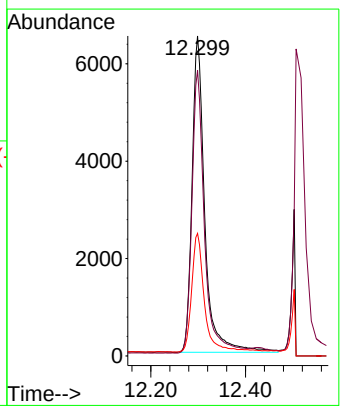


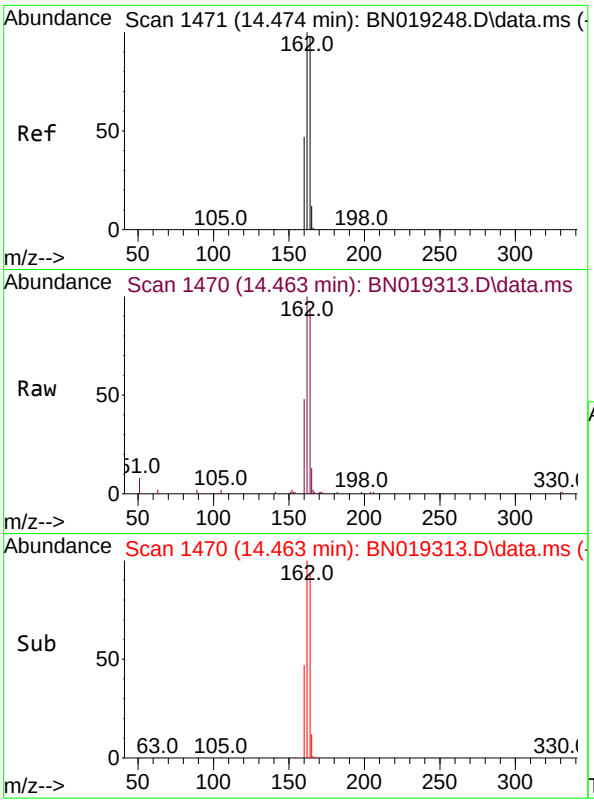


#12
2-Methylnaphthalene
Concen: 0.480 ng
RT: 12.299 min Scan# 1232
Delta R.T. -0.008 min
Lab File: BN019313.D
Acq: 02 Apr 2022 07:39

Tgt Ion:142 Resp: 12123

Ion	Ratio	Lower	Upper
142	100		
141	89.3	70.0	105.0
115	38.3	29.8	44.8



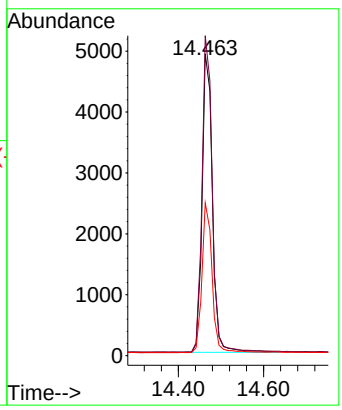


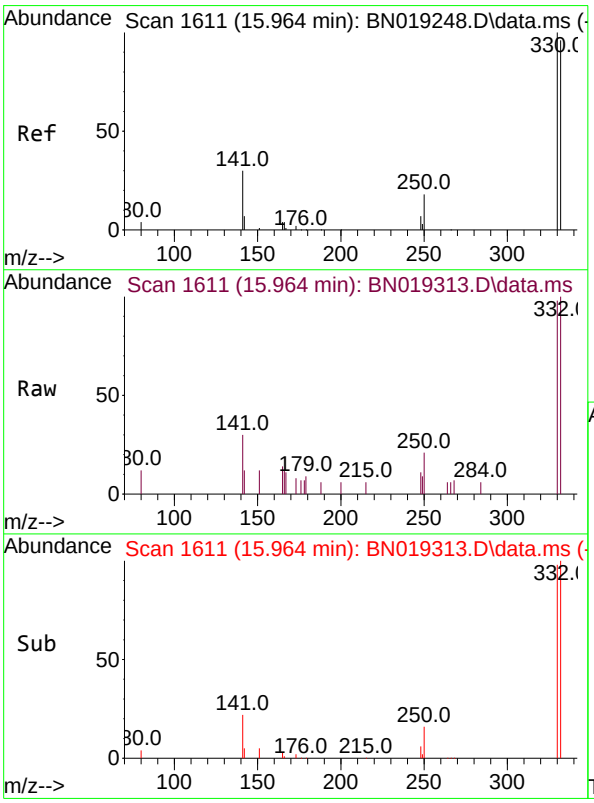
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.463 min Scan# 14
Delta R.T. -0.011 min
Lab File: BN019313.D
Acq: 02 Apr 2022 07:39

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:164 Resp: 8208

Ion	Ratio	Lower	Upper
164	100		
162	106.0	85.2	127.8
160	50.6	41.5	62.3

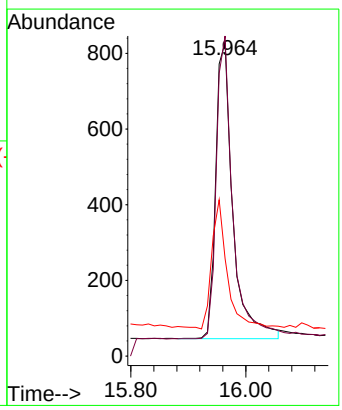


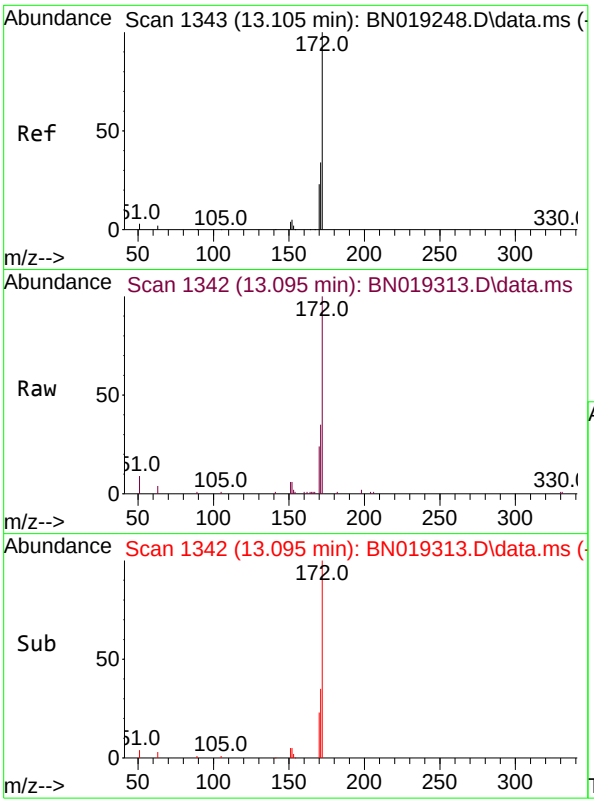


#14
2,4,6-Tribromophenol
Concen: 0.422 ng
RT: 15.964 min Scan# 1611
Delta R.T. -0.000 min
Lab File: BN019313.D
Acq: 02 Apr 2022 07:39

Tgt Ion:330 Resp: 1620

Ion	Ratio	Lower	Upper
330	100		
332	98.3	76.8	115.2
141	37.8	32.2	48.2



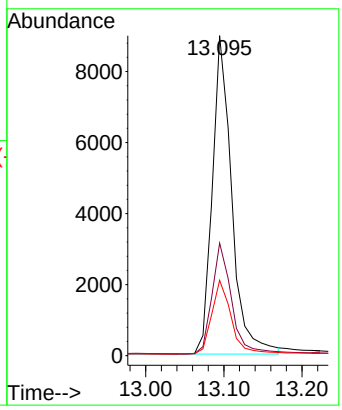


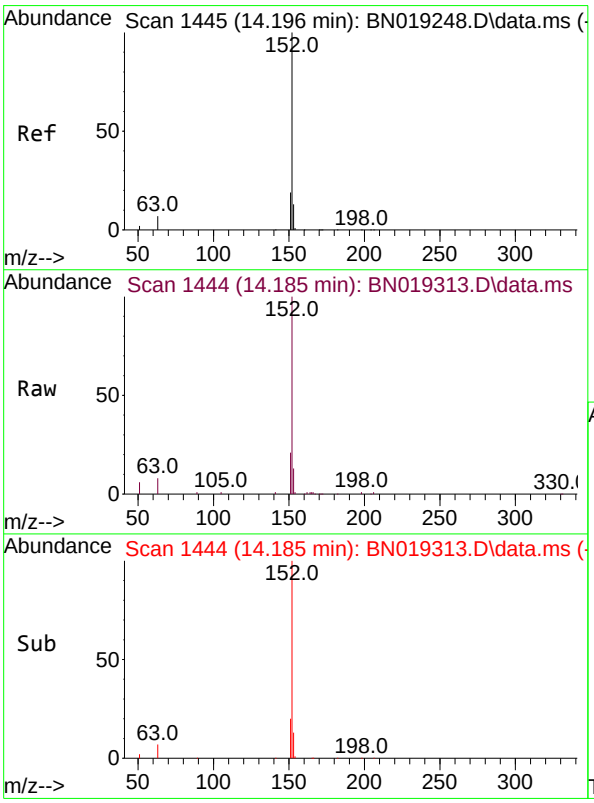
#15
2-Fluorobiphenyl
Concen: 0.469 ng
RT: 13.095 min Scan# 1
Delta R.T. -0.011 min
Lab File: BN019313.D
Acq: 02 Apr 2022 07:39

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:172 Resp: 15441

Ion	Ratio	Lower	Upper
172	100		
171	35.2	28.2	42.2
170	23.5	18.7	28.1

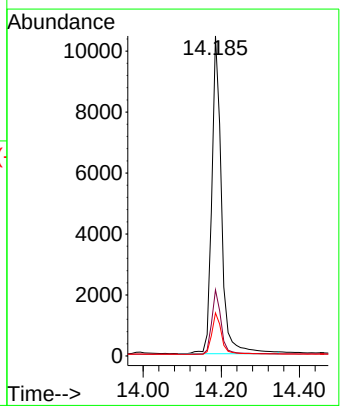


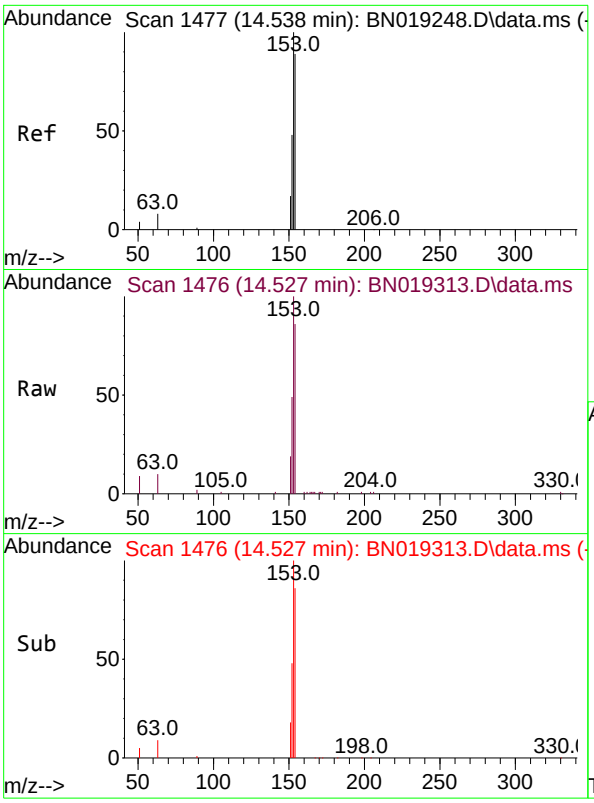


#16
Acenaphthylene
Concen: 0.477 ng
RT: 14.185 min Scan# 1444
Delta R.T. -0.011 min
Lab File: BN019313.D
Acq: 02 Apr 2022 07:39

Tgt Ion:152 Resp: 18035

Ion	Ratio	Lower	Upper
152	100		
151	20.0	15.9	23.9
153	13.1	10.6	15.8



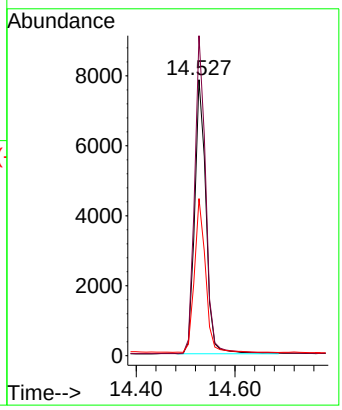


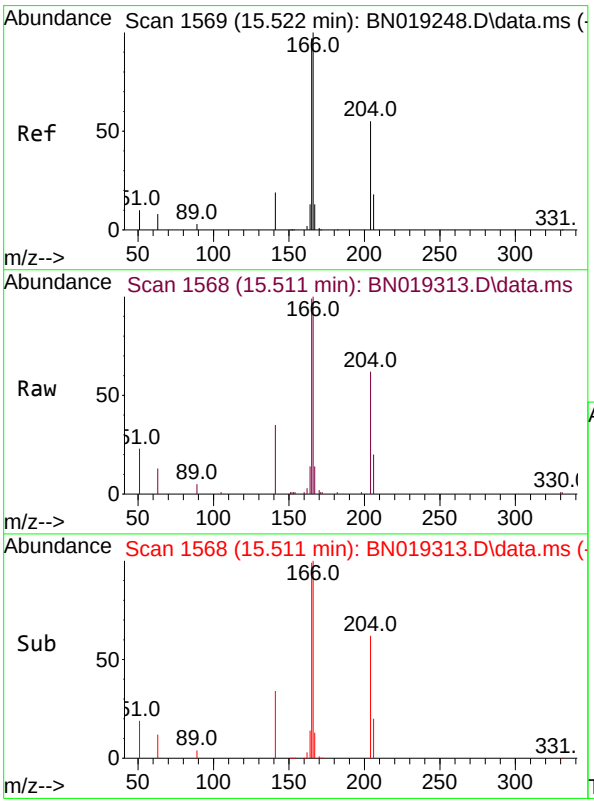
#17
Acenaphthene
Concen: 0.462 ng
RT: 14.527 min Scan# 14
Delta R.T. -0.011 min
Lab File: BN019313.D
Acq: 02 Apr 2022 07:39

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:154 Resp: 12439

Ion	Ratio	Lower	Upper
154	100		
153	114.8	89.7	134.5
152	55.4	44.7	67.1

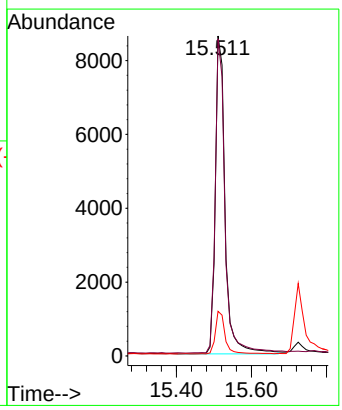


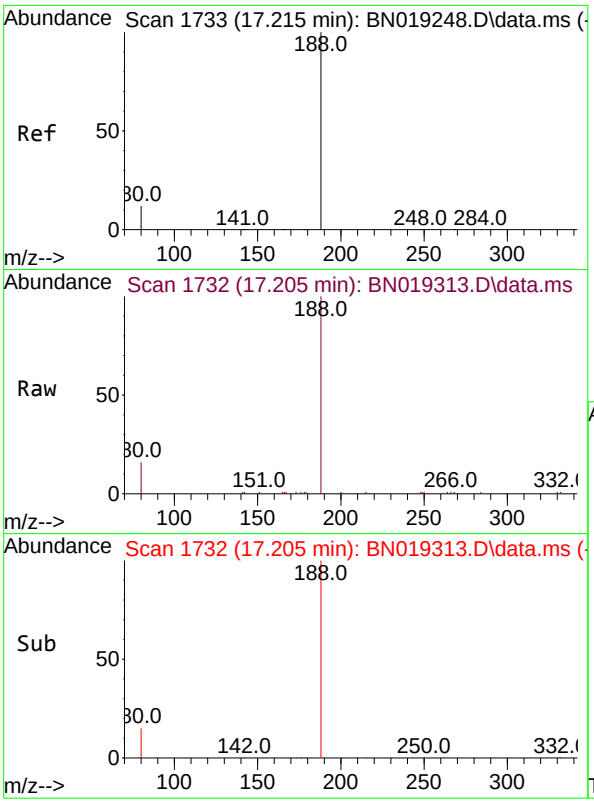


#18
Fluorene
Concen: 0.464 ng
RT: 15.511 min Scan# 1568
Delta R.T. -0.011 min
Lab File: BN019313.D
Acq: 02 Apr 2022 07:39

Tgt Ion:166 Resp: 15605

Ion	Ratio	Lower	Upper
166	100		
165	97.8	79.2	118.8
167	13.4	10.7	16.1



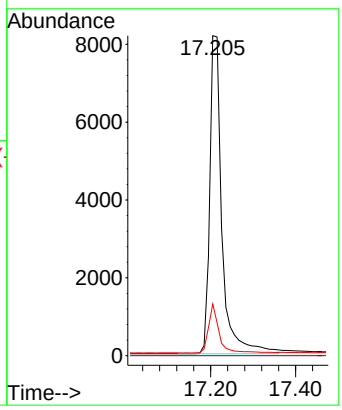


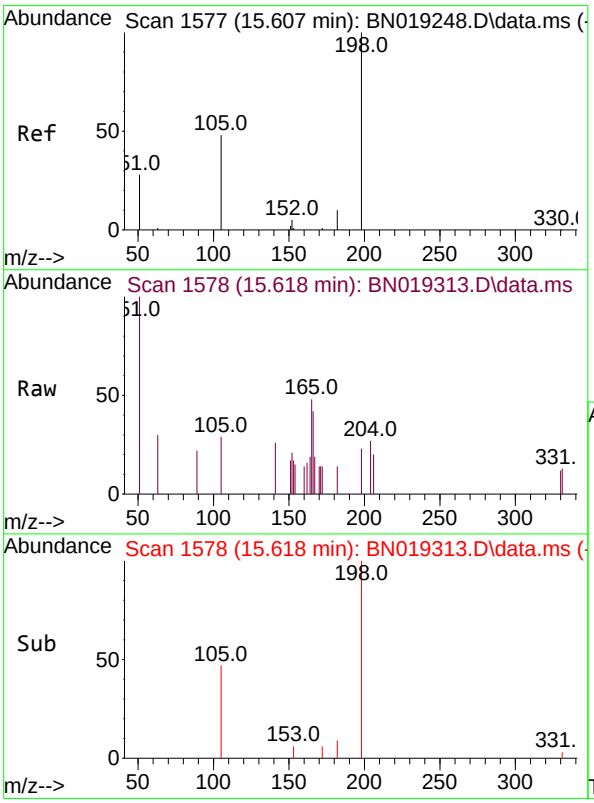
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.205 min Scan# 1
Delta R.T. -0.010 min
Lab File: BN019313.D
Acq: 02 Apr 2022 07:39

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:188 Resp: 16320

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	16.1	11.8	17.8

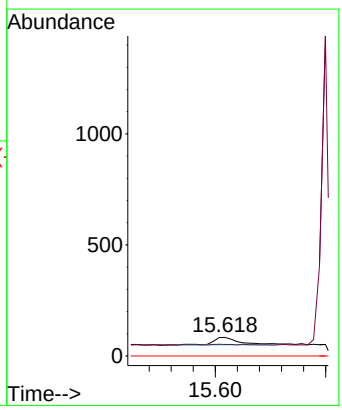


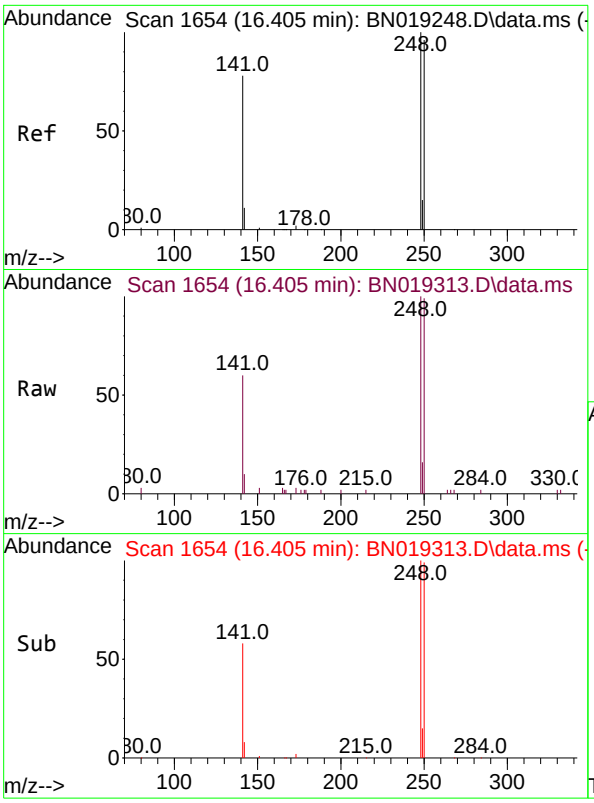


#20
4,6-Dinitro-2-methylphenol
Concen: 0.130 ng
RT: 15.618 min Scan# 1578
Delta R.T. 0.011 min
Lab File: BN019313.D
Acq: 02 Apr 2022 07:39

Tgt Ion:198 Resp: 112

Ion	Ratio	Lower	Upper
198	100		
182	61.9	13.0	19.4#
77	0.0	0.0	0.0



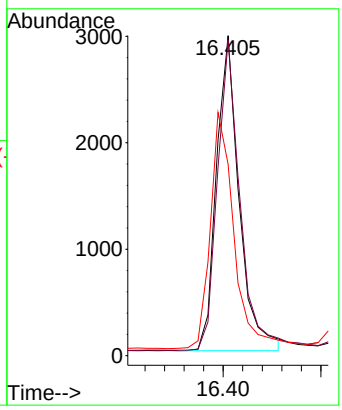


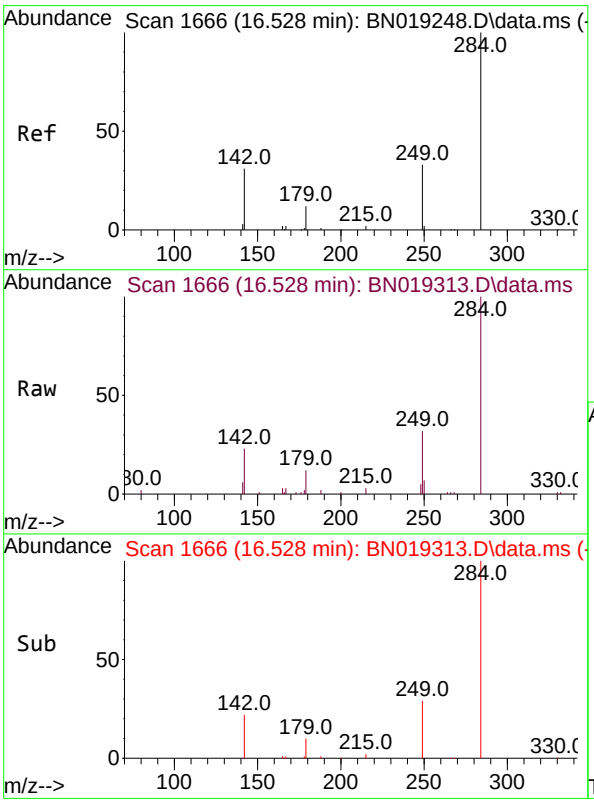
#21
4-Bromophenyl-phenylether
Concen: 0.456 ng
RT: 16.405 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN019313.D
Acq: 02 Apr 2022 07:39

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:248 Resp: 4779

Ion	Ratio	Lower	Upper
248	100		
250	98.7	80.7	121.1
141	59.8	39.6	59.4#

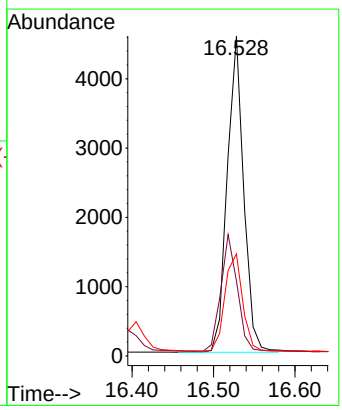


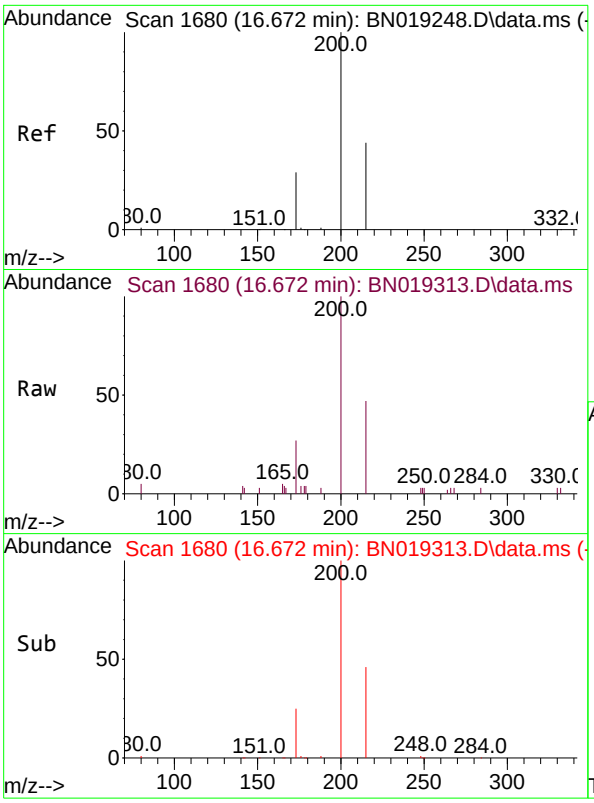


#22
Hexachlorobenzene
Concen: 0.472 ng
RT: 16.528 min Scan# 1666
Delta R.T. -0.000 min
Lab File: BN019313.D
Acq: 02 Apr 2022 07:39

Tgt Ion:284 Resp: 6427

Ion	Ratio	Lower	Upper
284	100		
142	36.7	29.8	44.8
249	32.9	26.2	39.2



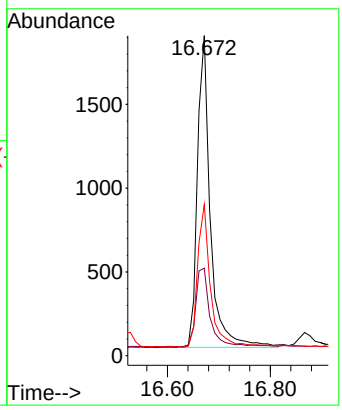


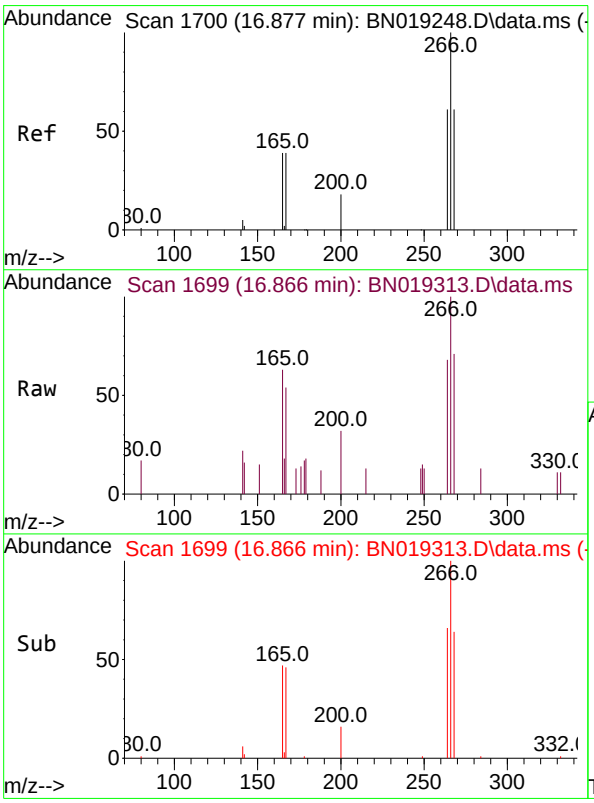
#23
Atrazine
Concen: 0.452 ng
RT: 16.672 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN019313.D
Acq: 02 Apr 2022 07:39

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:200 Resp: 3246

Ion	Ratio	Lower	Upper
200	100		
173	27.4	23.9	35.9
215	47.3	36.6	54.8

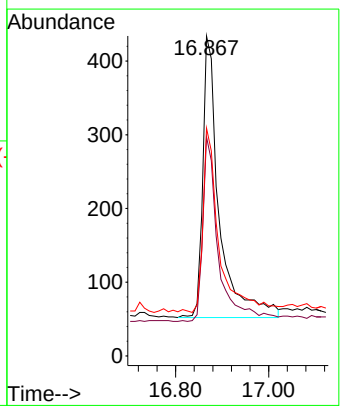


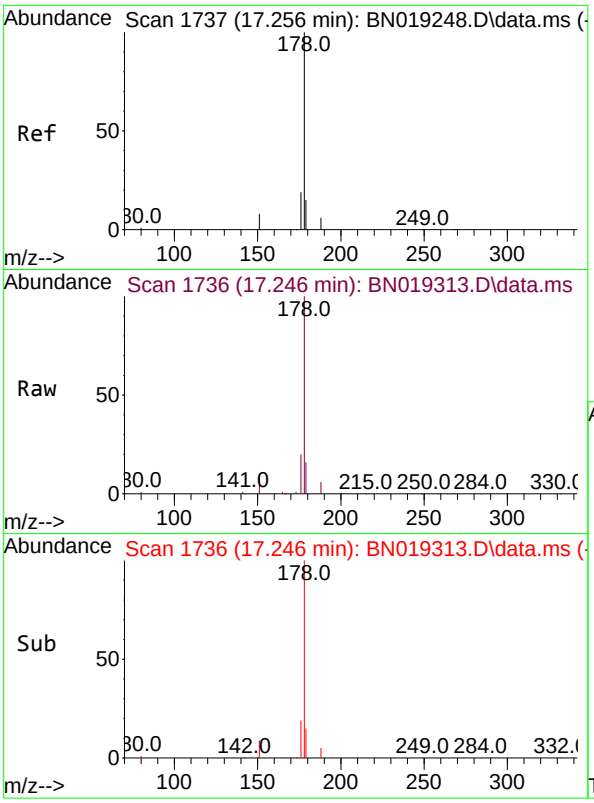


#24
Pentachlorophenol
Concen: 0.239 ng
RT: 16.866 min Scan# 1699
Delta R.T. -0.011 min
Lab File: BN019313.D
Acq: 02 Apr 2022 07:39

Tgt Ion:266 Resp: 938

Ion	Ratio	Lower	Upper
266	100		
264	62.2	50.2	75.4
268	63.3	51.9	77.9



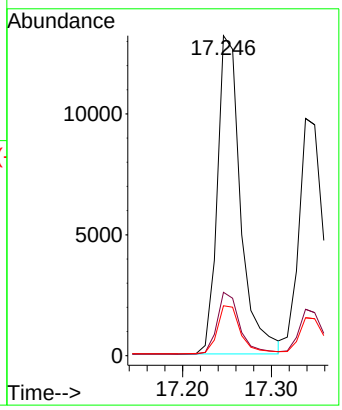


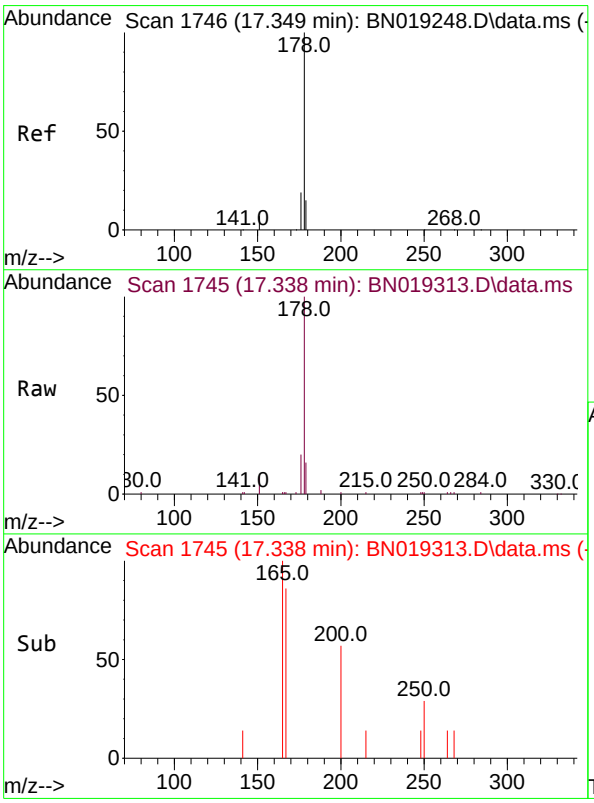
#25
Phenanthrene
Concen: 0.468 ng
RT: 17.246 min Scan# 1
Delta R.T. -0.010 min
Lab File: BN019313.D
Acq: 02 Apr 2022 07:39

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 24043

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.4	23.0
179	15.1	12.2	18.2

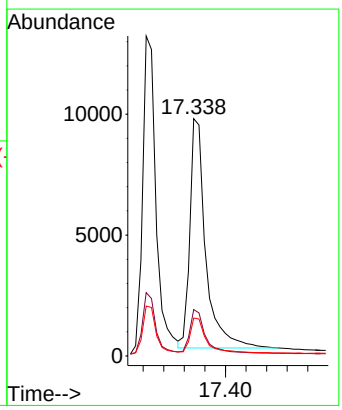


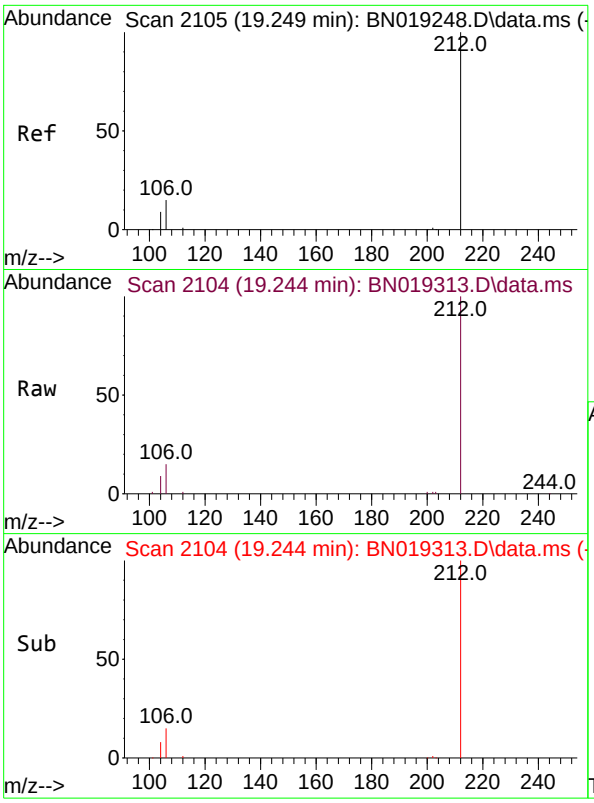


#26
Anthracene
Concen: 0.479 ng
RT: 17.338 min Scan# 1745
Delta R.T. -0.010 min
Lab File: BN019313.D
Acq: 02 Apr 2022 07:39

Tgt Ion:178 Resp: 20349

Ion	Ratio	Lower	Upper
178	100		
176	18.6	14.8	22.2
179	15.3	12.2	18.4



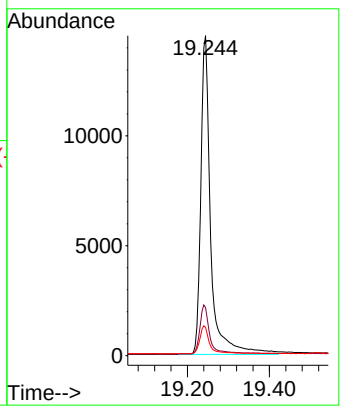


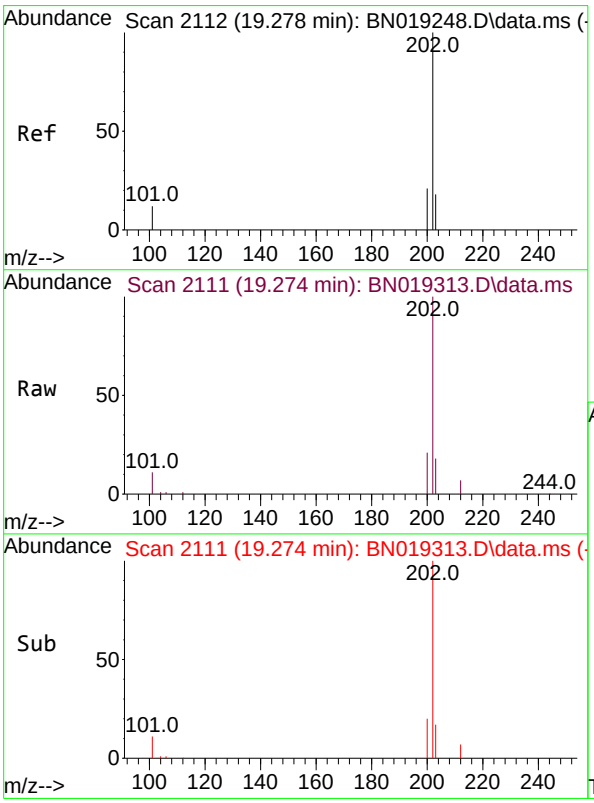
#27
Fluoranthene-d10
Concen: 0.495 ng
RT: 19.244 min Scan# 21
Delta R.T. -0.004 min
Lab File: BN019313.D
Acq: 02 Apr 2022 07:39

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:212 Resp: 24281

Ion	Ratio	Lower	Upper
212	100		
106	15.3	12.7	19.1
104	8.5	7.1	10.7

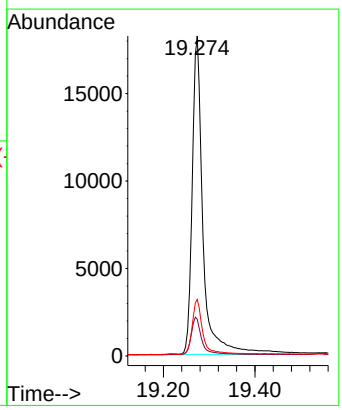


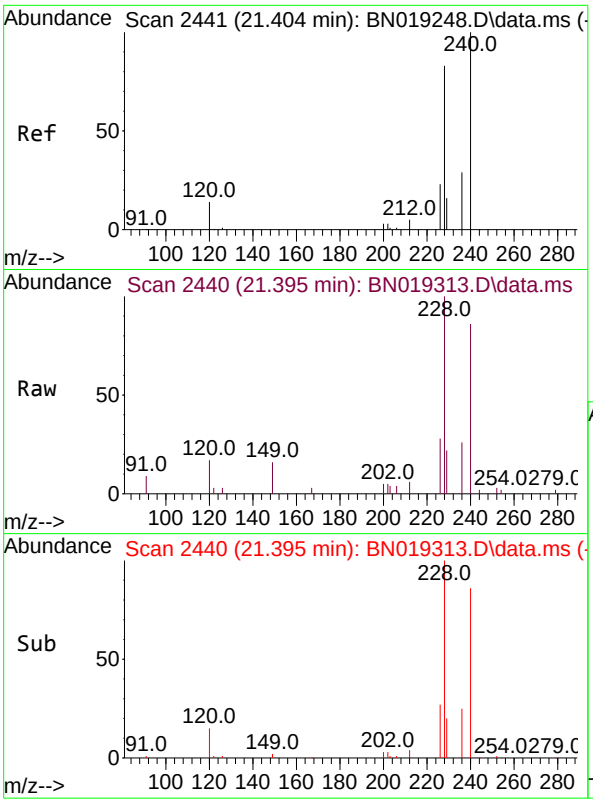


#28
Fluoranthene
Concen: 0.488 ng
RT: 19.274 min Scan# 2111
Delta R.T. -0.004 min
Lab File: BN019313.D
Acq: 02 Apr 2022 07:39

Tgt Ion:202 Resp: 29926

Ion	Ratio	Lower	Upper
202	100		
101	12.0	9.8	14.6
203	16.7	13.7	20.5



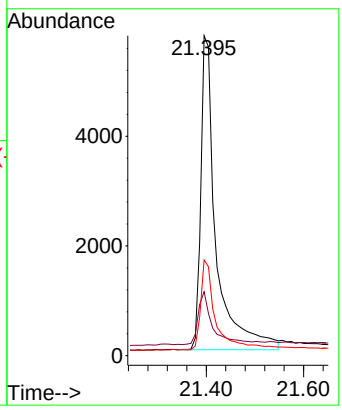


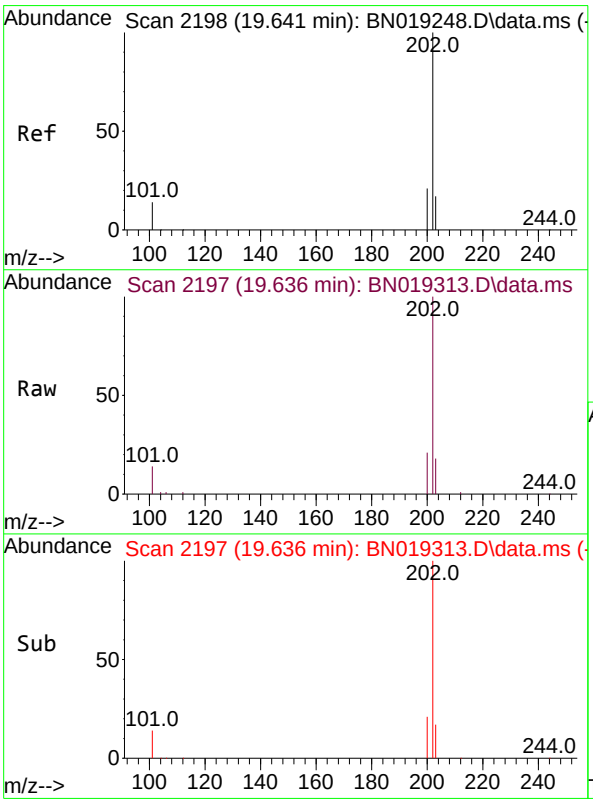
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.395 min Scan# 24
Delta R.T. -0.009 min
Lab File: BN019313.D
Acq: 02 Apr 2022 07:39

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:240 Resp: 12488

Ion	Ratio	Lower	Upper
240	100		
120	20.0	8.5	12.7#
236	29.9	22.4	33.6

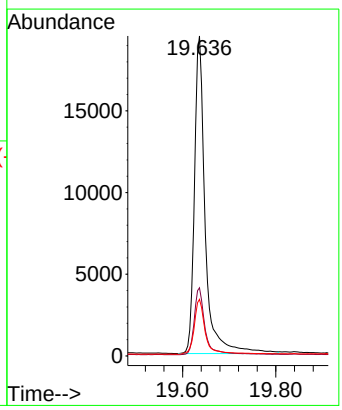


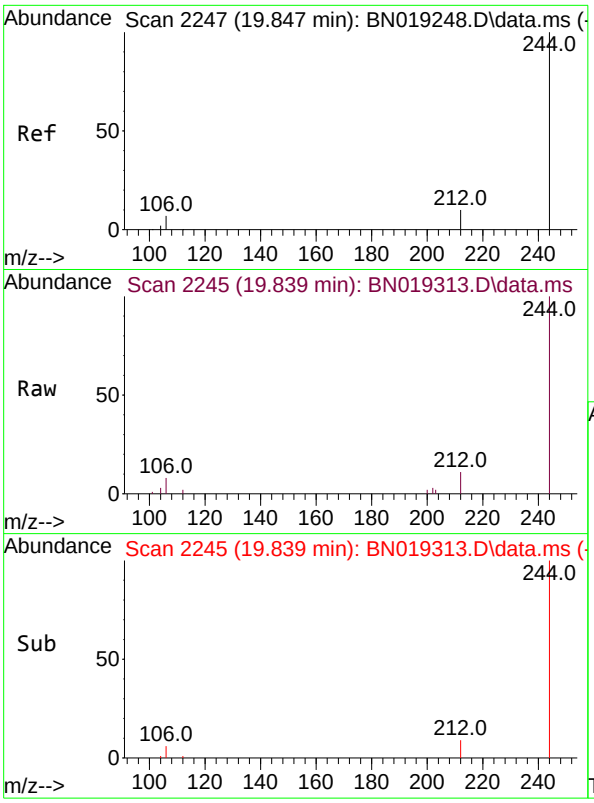


#30
Pyrene
Concen: 0.507 ng
RT: 19.636 min Scan# 2197
Delta R.T. -0.004 min
Lab File: BN019313.D
Acq: 02 Apr 2022 07:39

Tgt Ion:202 Resp: 31250

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



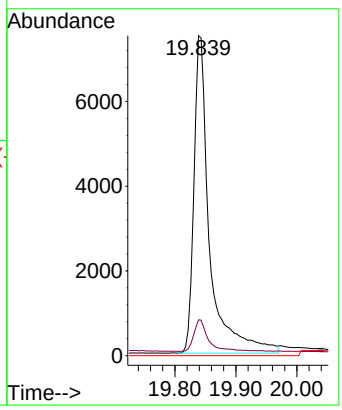


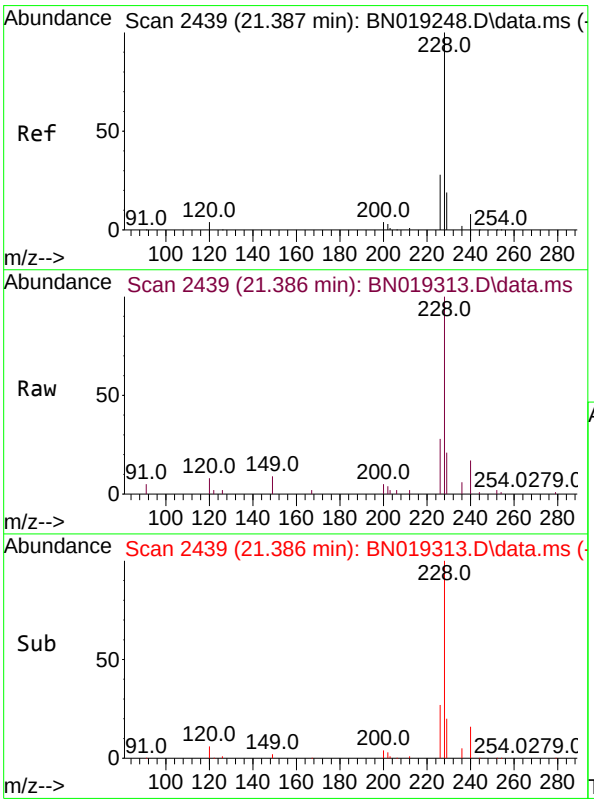
#31
Terphenyl-d14
Concen: 0.484 ng
RT: 19.839 min Scan# 2
Delta R.T. -0.009 min
Lab File: BN019313.D
Acq: 02 Apr 2022 07:39

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:244 Resp: 13444

Ion	Ratio	Lower	Upper
244	100		
212	11.2	8.2	12.4
122	0.0	0.0	0.0

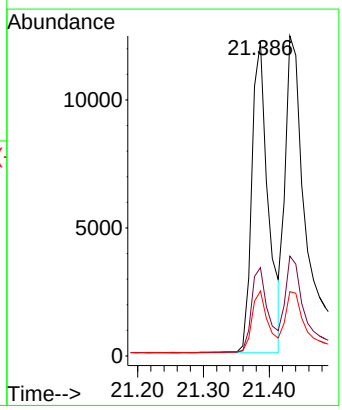


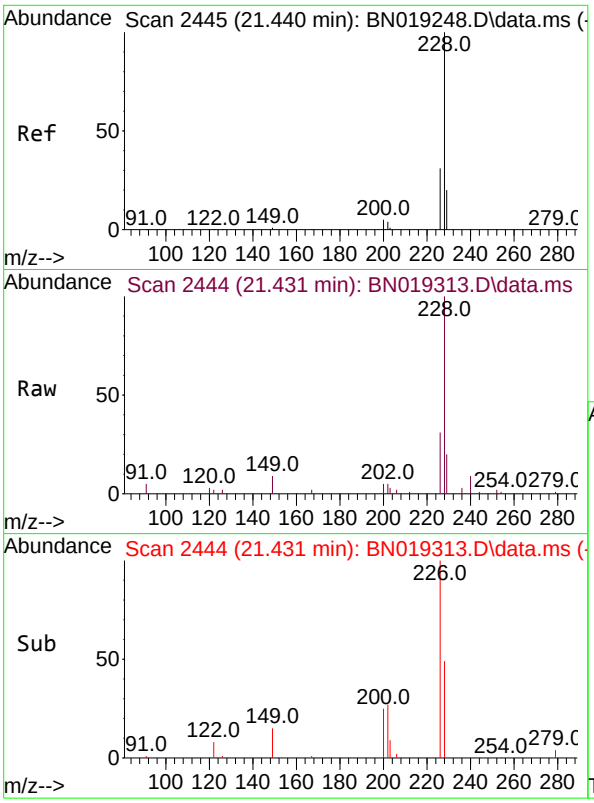


#32
Benzo(a)anthracene
Concen: 0.538 ng
RT: 21.386 min Scan# 2439
Delta R.T. -0.000 min
Lab File: BN019313.D
Acq: 02 Apr 2022 07:39

Tgt Ion:228 Resp: 21059

Ion	Ratio	Lower	Upper
228	100		
226	28.1	21.9	32.9
229	20.7	16.0	24.0



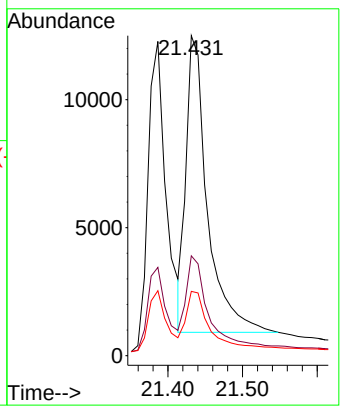


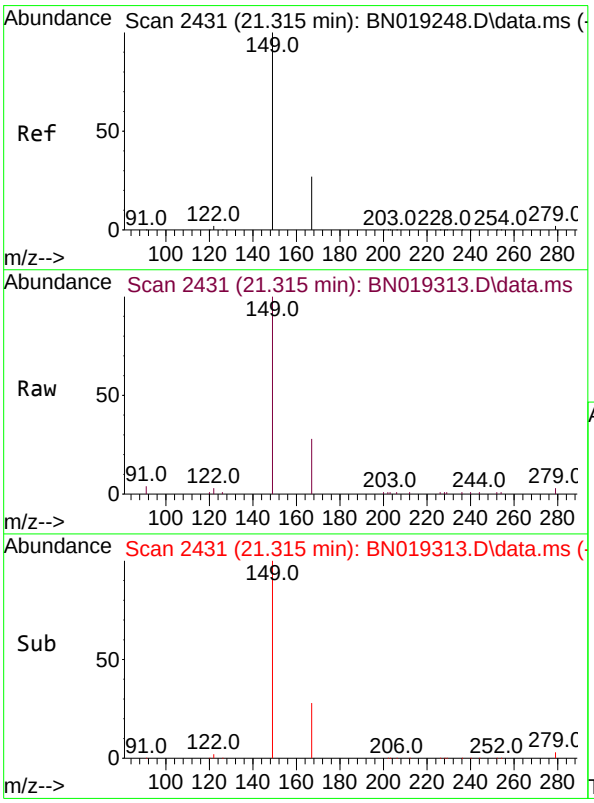
#33
Chrysene
Concen: 0.461 ng
RT: 21.431 min Scan# 24
Delta R.T. -0.009 min
Lab File: BN019313.D
Acq: 02 Apr 2022 07:39

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 23059

Ion	Ratio	Lower	Upper
228	100		
226	31.2	24.0	36.0
229	20.1	15.9	23.9

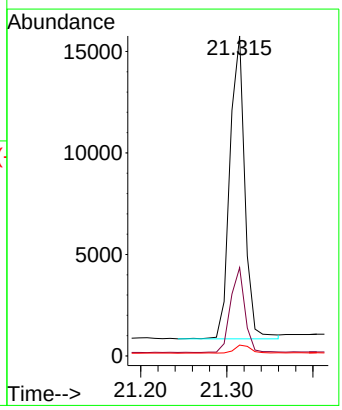


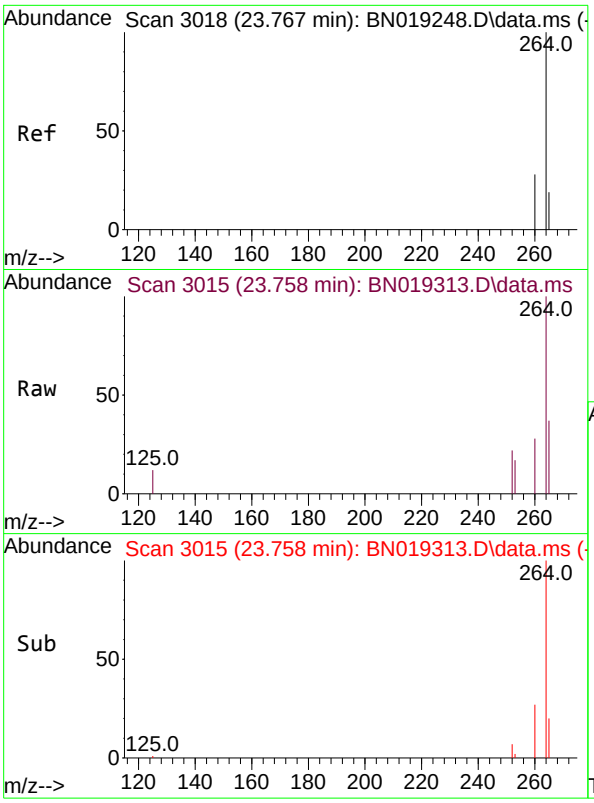


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.685 ng
RT: 21.315 min Scan# 2431
Delta R.T. -0.000 min
Lab File: BN019313.D
Acq: 02 Apr 2022 07:39

Tgt Ion:149 Resp: 17908

Ion	Ratio	Lower	Upper
149	100		
167	27.0	21.8	32.8
279	3.1	2.0	3.0#



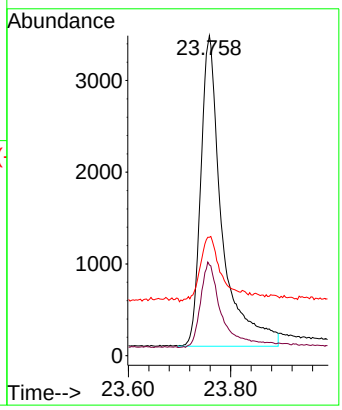


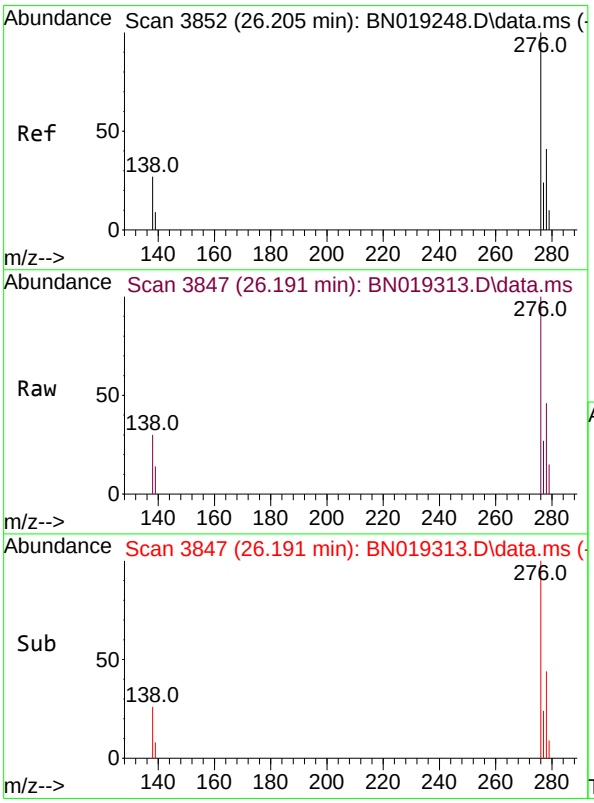
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.758 min Scan# 3
Delta R.T. -0.009 min
Lab File: BN019313.D
Acq: 02 Apr 2022 07:39

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:264 Resp: 9733

Ion	Ratio	Lower	Upper
264	100		
260	28.3	22.4	33.6
265	37.0	25.3	37.9

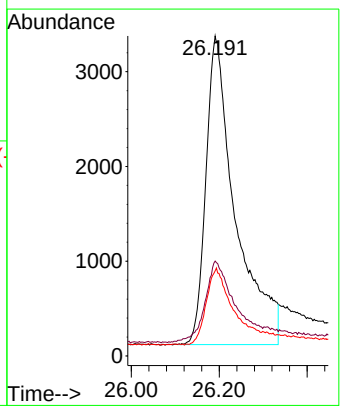


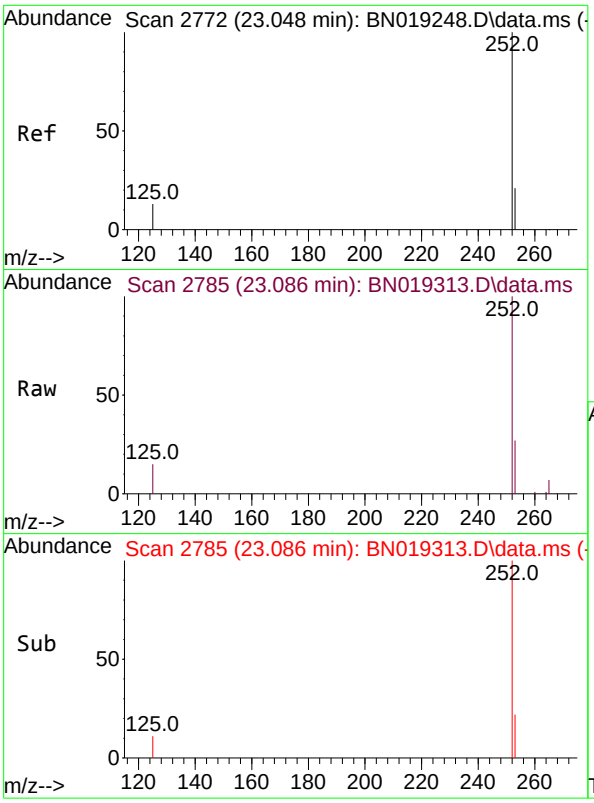


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.382 ng
RT: 26.191 min Scan# 3847
Delta R.T. -0.015 min
Lab File: BN019313.D
Acq: 02 Apr 2022 07:39

Tgt Ion:276 Resp: 15187

Ion	Ratio	Lower	Upper
276	100		
138	25.7	24.5	36.7
277	23.0	19.8	29.8



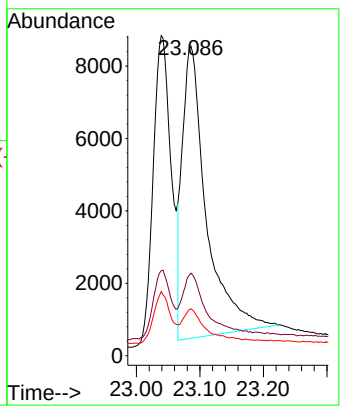


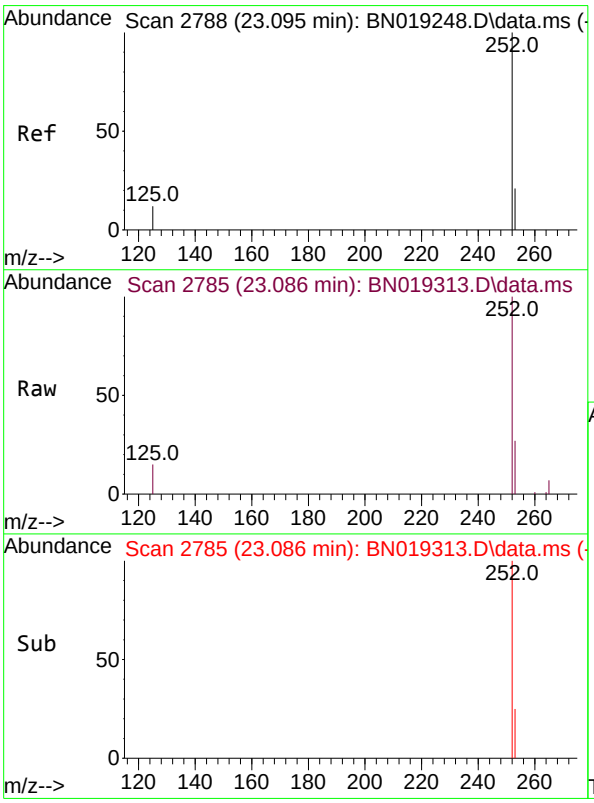
#37
Benzo(b)fluoranthene
Concen: 0.586 ng
RT: 23.086 min Scan# 2
Delta R.T. 0.038 min
Lab File: BN019313.D
Acq: 02 Apr 2022 07:39

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 21190

Ion	Ratio	Lower	Upper
252	100		
253	26.7	18.9	28.3
125	15.1	12.1	18.1

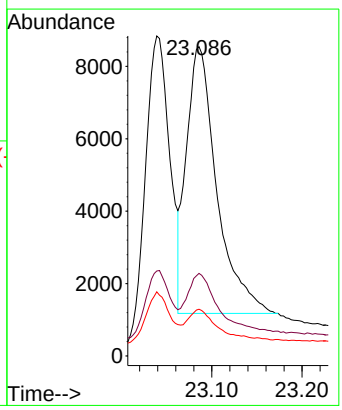


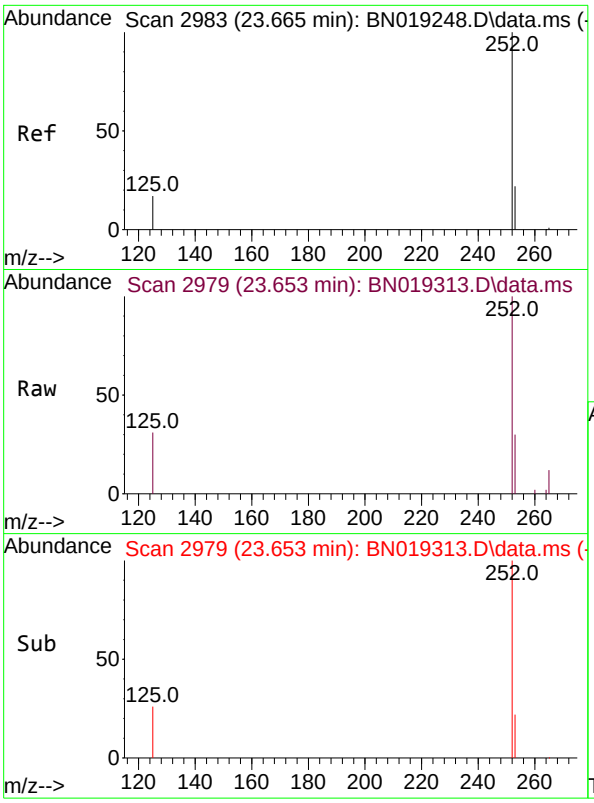


#38
Benzo(k)fluoranthene
Concen: 0.443 ng
RT: 23.086 min Scan# 2785
Delta R.T. -0.009 min
Lab File: BN019313.D
Acq: 02 Apr 2022 07:39

Tgt Ion:252 Resp: 17278

Ion	Ratio	Lower	Upper
252	100		
253	26.7	18.9	28.3
125	15.1	10.3	15.5



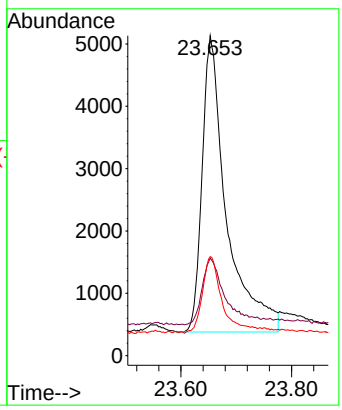


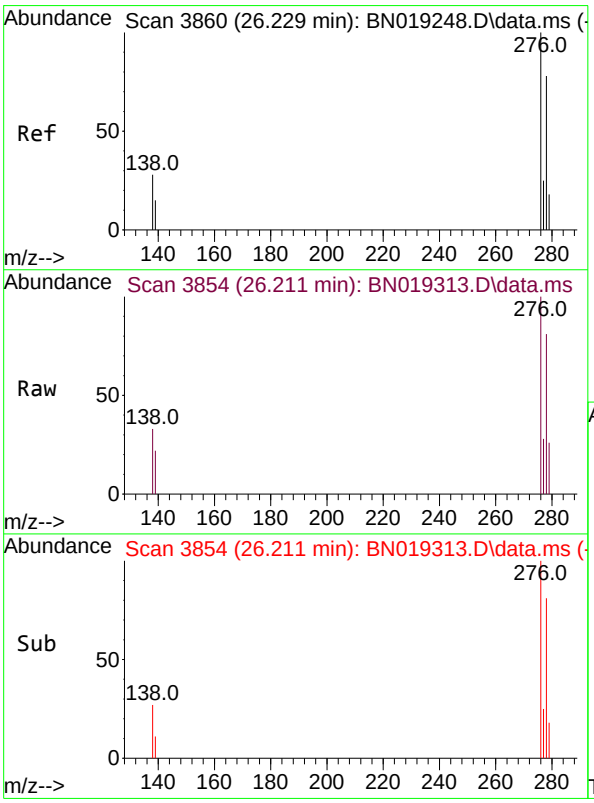
#39
Benzo(a)pyrene
Concen: 0.443 ng
RT: 23.653 min Scan# 2
Delta R.T. -0.012 min
Lab File: BN019313.D
Acq: 02 Apr 2022 07:39

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 14537

Ion	Ratio	Lower	Upper
252	100		
253	30.5	20.1	30.1#
125	31.0	15.2	22.8#

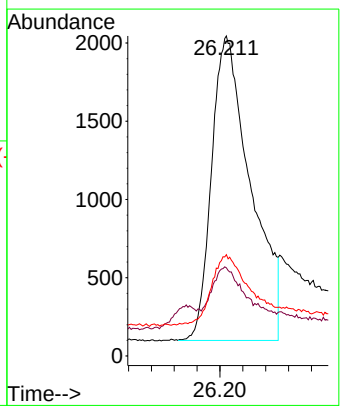


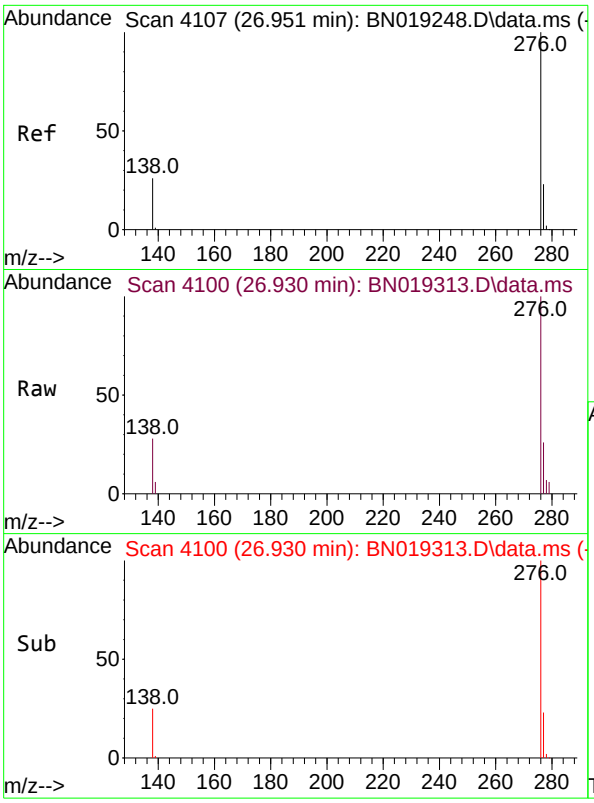


#40
Dibenzo(a,h)anthracene
Concen: 0.318 ng
RT: 26.211 min Scan# 3854
Delta R.T. -0.018 min
Lab File: BN019313.D
Acq: 02 Apr 2022 07:39

Tgt Ion:278 Resp: 9242

Ion	Ratio	Lower	Upper
278	100		
139	27.6	17.2	25.8#
279	31.6	19.9	29.9#





#41
Benzo(g,h,i)perylene
Concen: 0.371 ng
RT: 26.930 min Scan# 4
Delta R.T. -0.021 min
Lab File: BN019313.D
Acq: 02 Apr 2022 07:39

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 15039

Ion	Ratio	Lower	Upper
276	100		
277	25.9	19.4	29.0
138	27.8	21.0	31.6