Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN040422\
Data File : BN019323.D
Acq On : 04 Apr 2022 17:24
Operator : CG/JU
Sample : SSTDICV0.4
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
ICVBN040422

Quant Time: Apr 05 03:29:58 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN040422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 04 17:40:00 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.833	152	2959	0.400	ng		0.00
7) Naphthalene-d8	10.626	136	8563	0.400	ng	#	0.00
13) Acenaphthene-d10	14.463	164	5835	0.400	ng		0.00
19) Phenanthrene-d10	17.205	188	13068	0.400	ng		0.00
29) Chrysene-d12	21.395	240	10796	0.400	ng	#	0.00
35) Perylene-d12	23.749	264	10141	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.384	112	3645	0.460	ng		0.00
5) Phenol-d6	6.995	99	4037	0.423	ng		0.00
8) Nitrobenzene-d5	8.982	82	3135	0.403	ng		0.00
11) 2-Methylnaphthalene-d10	12.223	152	6618	0.440	ng		0.00
14) 2,4,6-Tribromophenol	15.954	330	1372	0.387	ng		0.00
15) 2-Fluorobiphenyl	13.095	172	10714	0.442	ng		0.00
27) Fluoranthene-d10	19.240	212	18162	0.431	ng		0.00
31) Terphenyl-d14	19.839	244	10394	0.443	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.218	88	1678	0.474	ng		95
3) n-Nitrosodimethylamine	3.543	42	2181	0.466	ng		96
6) bis(2-Chloroethyl)ether	7.248	93	4301	0.448	ng		97
9) Naphthalene	10.680	128	11483	0.454	ng		99
10) Hexachlorobutadiene	10.979	225	2590	0.470	ng	#	100
12) 2-Methylnaphthalene	12.299	142	7963	0.454	ng		98
16) Acenaphthylene	14.185	152	11917	0.411	ng		99
17) Acenaphthene	14.527	154	8420	0.437	ng		98
18) Fluorene	15.511	166	11264	0.443	ng		99
20) 4,6-Dinitro-2-methylph...	15.607	198	745	0.310	ng	#	52
21) 4-Bromophenyl-phenylether	16.395	248	3753	0.426	ng	#	76
22) Hexachlorobenzene	16.528	284	4657	0.452	ng		99
23) Atrazine	16.672	200	2757	0.380	ng		96
24) Pentachlorophenol	16.867	266	1142	0.285	ng		98
25) Phenanthrene	17.246	178	18906	0.431	ng		100
26) Anthracene	17.338	178	15500	0.402	ng		100
28) Fluoranthene	19.270	202	22327	0.429	ng		99
30) Pyrene	19.632	202	23203	0.462	ng		100
32) Benzo(a)anthracene	21.378	228	15277	0.383	ng		99
33) Chrysene	21.431	228	19506	0.440	ng		99
34) Bis(2-ethylhexyl)phtha...	21.306	149	10851	0.366	ng		100
36) Indeno(1,2,3-cd)pyrene	26.176	276	16843	0.397	ng		99
37) Benzo(b)fluoranthene	23.083	252	20913	0.526	ng		96
38) Benzo(k)fluoranthene	23.083	252	16434	0.396	ng		97
39) Benzo(a)pyrene	23.650	252	14720	0.412	ng	#	84
40) Dibenzo(a,h)anthracene	26.191	278	12746	0.388	ng		94
41) Benzo(g,h,i)perylene	26.916	276	17251	0.438	ng		99

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

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Acq On : 04 Apr 2022 17:24
Operator : CG/JU
Sample : SSTDICV0.4
Misc :
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Instrument :
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ClientSampleId :
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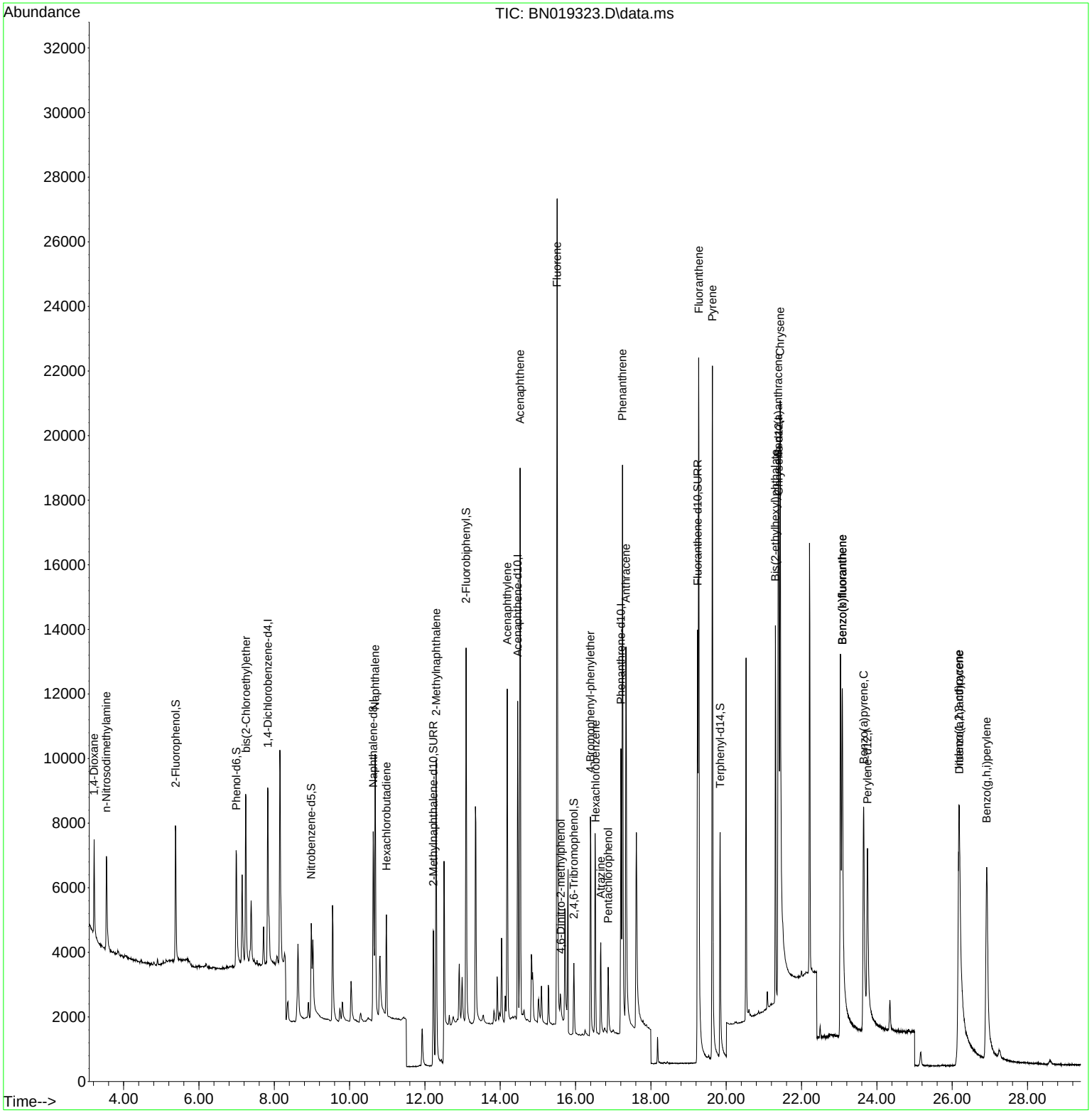
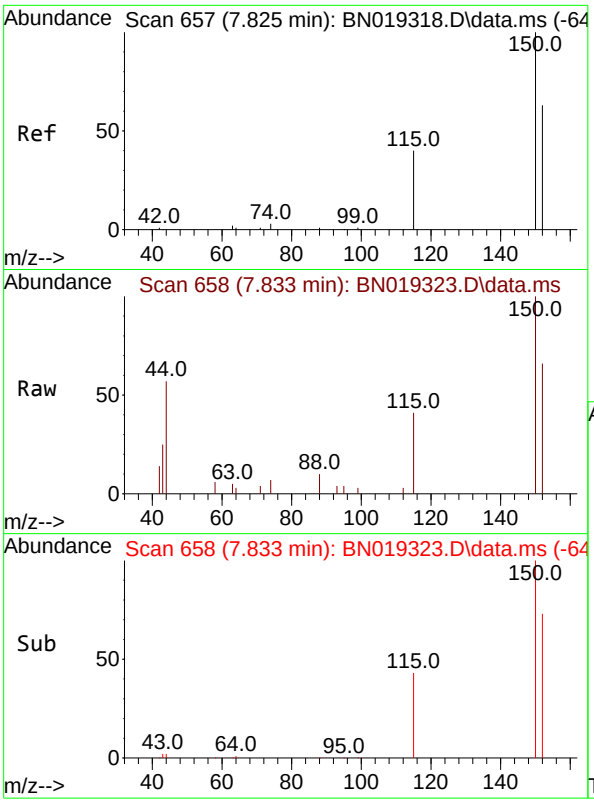
Quant Time: Apr 05 03:29:58 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN040422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 04 17:40:00 2022
Response via : Initial Calibration



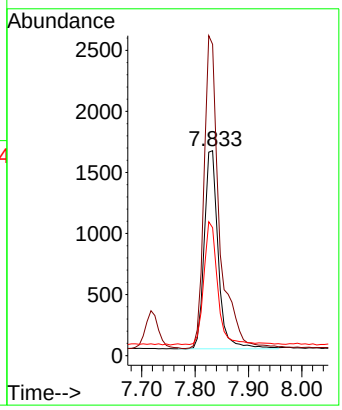


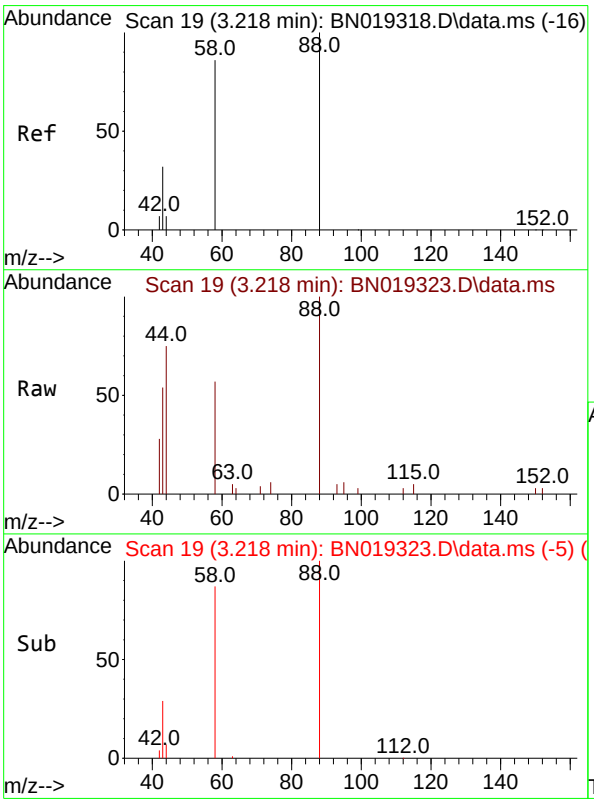
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.833 min Scan# 6
Delta R.T. 0.008 min
Lab File: BN019323.D
Acq: 04 Apr 2022 17:24

Instrument :
BNA_N
ClientSampleId :
ICVBN040422

Tgt Ion:152 Resp: 2959

Ion	Ratio	Lower	Upper
152	100		
150	151.9	123.9	185.9
115	62.5	48.2	72.4

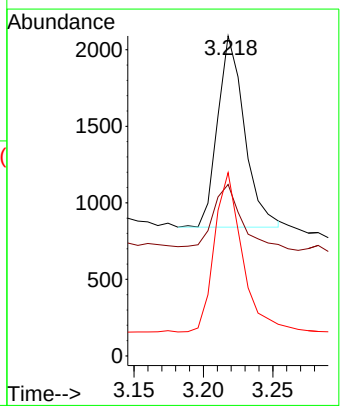


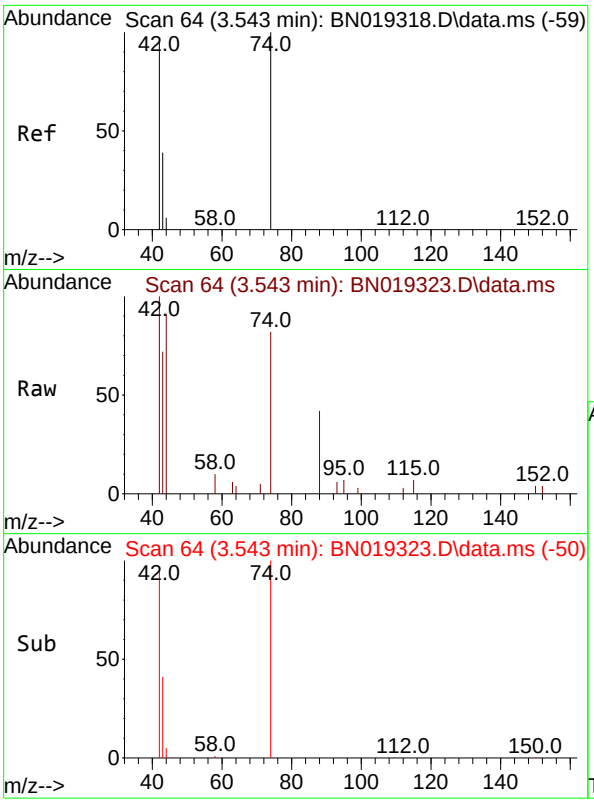


#2
1,4-Dioxane
Concen: 0.474 ng
RT: 3.218 min Scan# 19
Delta R.T. 0.000 min
Lab File: BN019323.D
Acq: 04 Apr 2022 17:24

Tgt Ion: 88 Resp: 1678

Ion	Ratio	Lower	Upper
88	100		
43	32.2	24.6	37.0
58	86.7	65.4	98.2



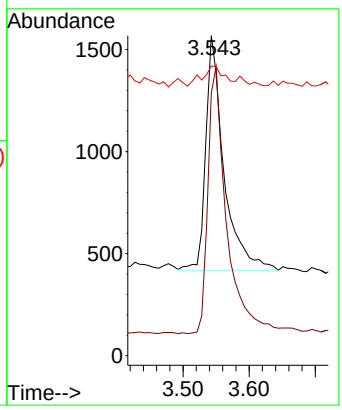


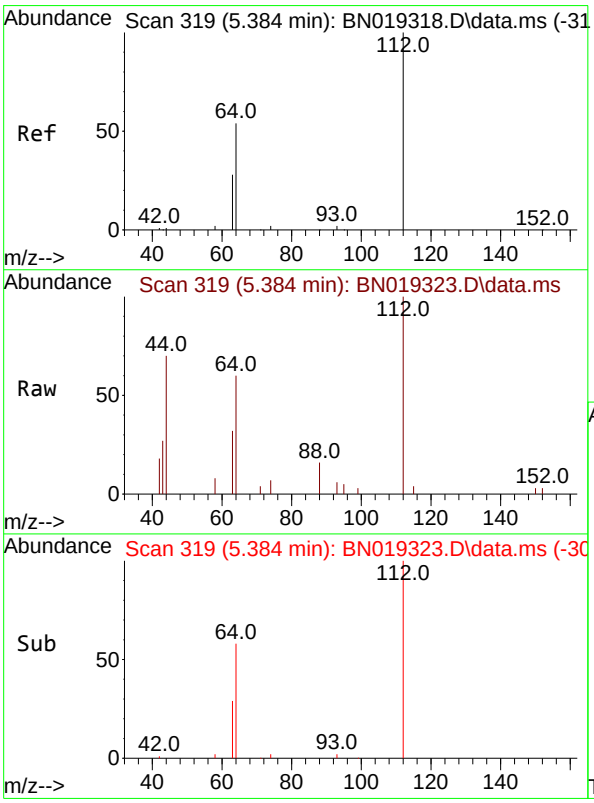
#3
n-Nitrosodimethylamine
Concen: 0.466 ng
RT: 3.543 min Scan# 64
Delta R.T. 0.000 min
Lab File: BN019323.D
Acq: 04 Apr 2022 17:24

Instrument :
BNA_N
ClientSampleId :
ICVBN040422

Tgt Ion: 42 Resp: 2181

Ion	Ratio	Lower	Upper
42	100		
74	116.7	96.9	145.3
44	10.2	7.3	10.9

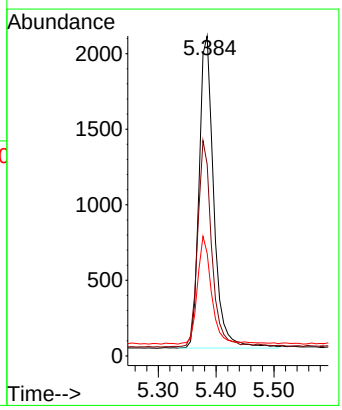


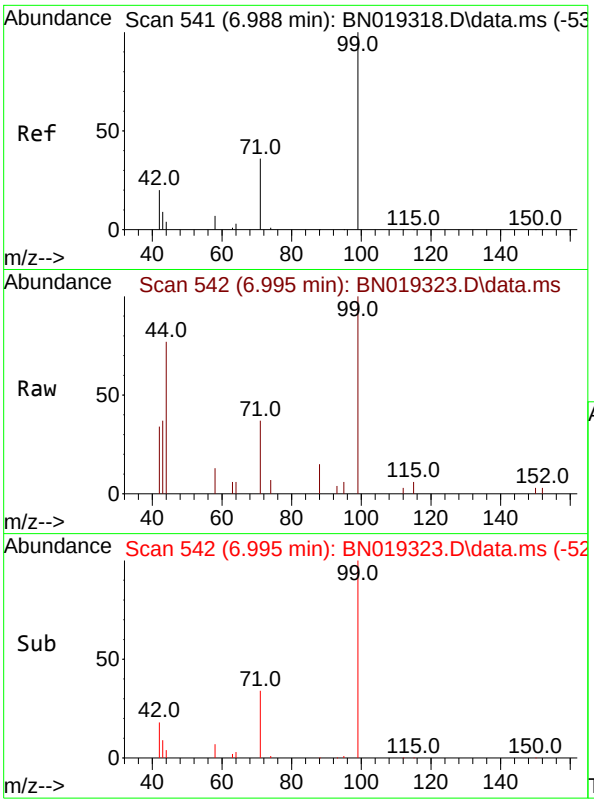


#4
2-Fluorophenol
Concen: 0.460 ng
RT: 5.384 min Scan# 319
Delta R.T. 0.000 min
Lab File: BN019323.D
Acq: 04 Apr 2022 17:24

Tgt Ion:112 Resp: 3645

Ion	Ratio	Lower	Upper
112	100		
64	63.4	47.8	71.8
63	33.6	25.7	38.5



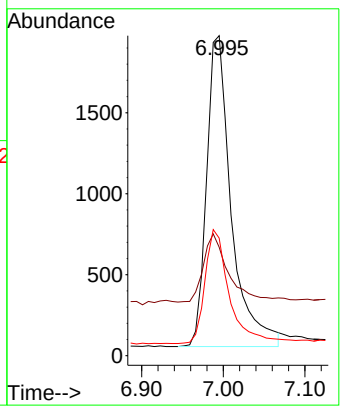


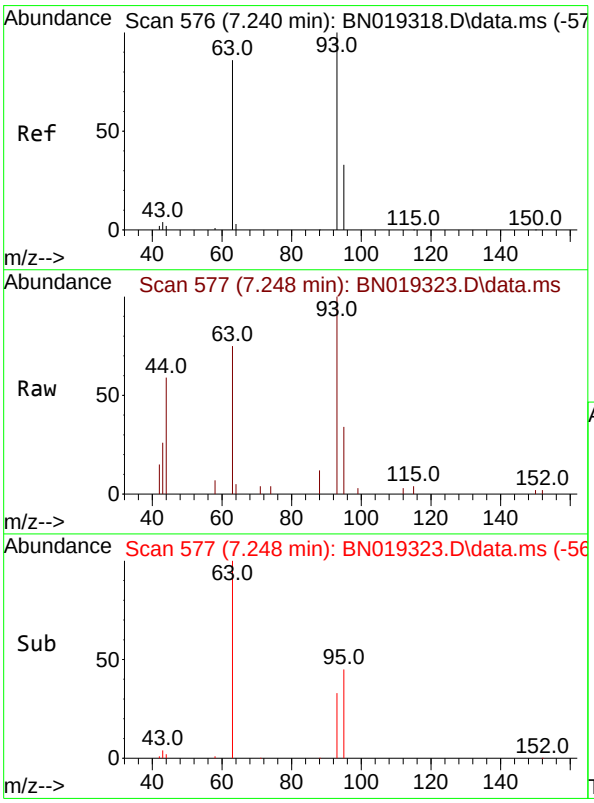
#5
Phenol-d6
Concen: 0.423 ng
RT: 6.995 min Scan# 54
Delta R.T. 0.007 min
Lab File: BN019323.D
Acq: 04 Apr 2022 17:24

Instrument :
BNA_N
ClientSampleId :
ICVBN040422

Tgt Ion: 99 Resp: 4037

Ion	Ratio	Lower	Upper
99	100		
42	22.1	16.2	24.4
71	36.0	27.7	41.5

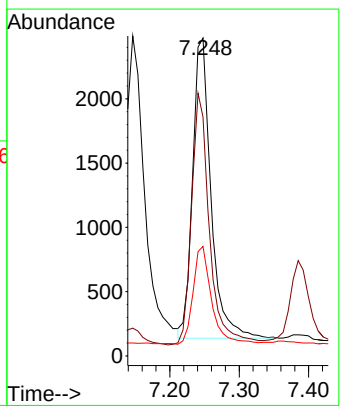


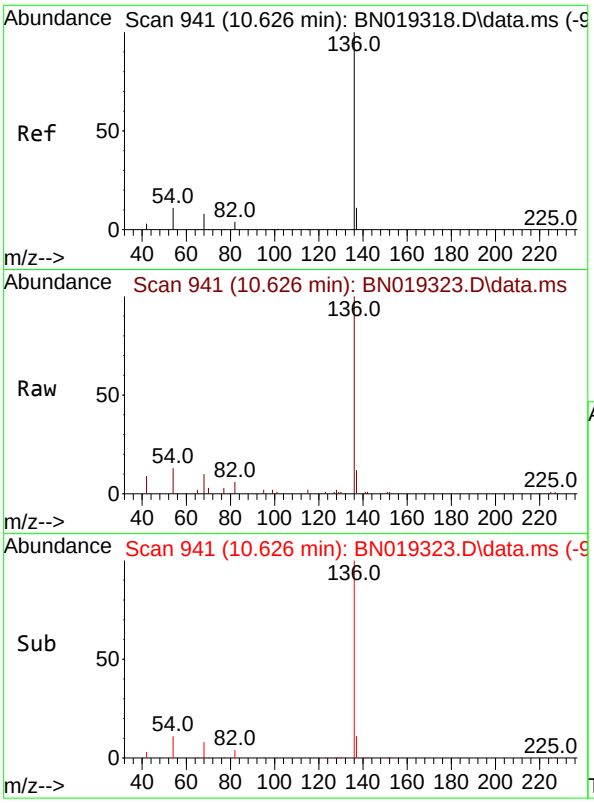


#6
bis(2-Chloroethyl)ether
Concen: 0.448 ng
RT: 7.248 min Scan# 577
Delta R.T. 0.007 min
Lab File: BN019323.D
Acq: 04 Apr 2022 17:24

Tgt Ion: 93 Resp: 4301

Ion	Ratio	Lower	Upper
93	100		
63	82.1	62.8	94.2
95	32.3	26.2	39.4



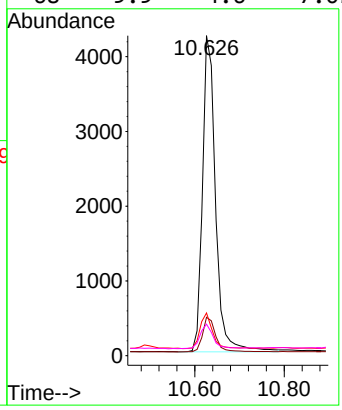


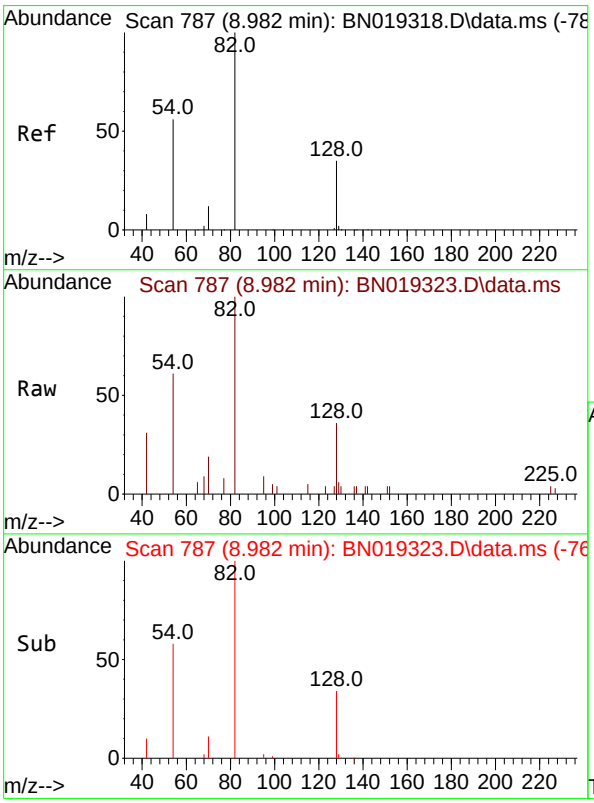
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.626 min Scan# 94
Delta R.T. 0.000 min
Lab File: BN019323.D
Acq: 04 Apr 2022 17:24

Instrument :
BNA_N
ClientSampleId :
ICVBN040422

Tgt Ion:136 Resp: 8563

Ion	Ratio	Lower	Upper
136	100		
137	12.0	9.0	13.4
54	13.3	5.8	8.6#
68	9.9	4.6	7.0#

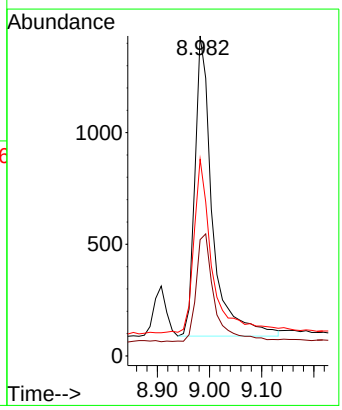


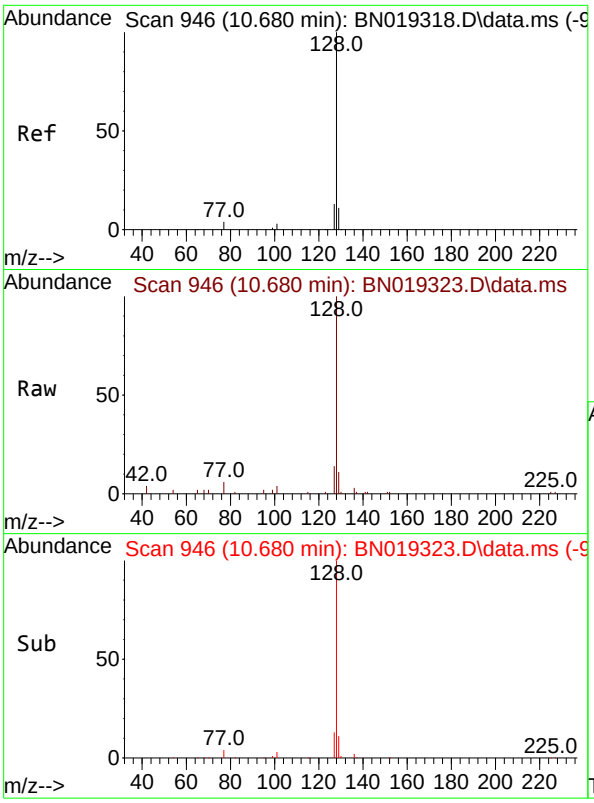


#8
Nitrobenzene-d5
Concen: 0.403 ng
RT: 8.982 min Scan# 787
Delta R.T. 0.000 min
Lab File: BN019323.D
Acq: 04 Apr 2022 17:24

Tgt Ion: 82 Resp: 3135

Ion	Ratio	Lower	Upper
82	100		
128	36.4	33.0	49.6
54	61.5	42.5	63.7



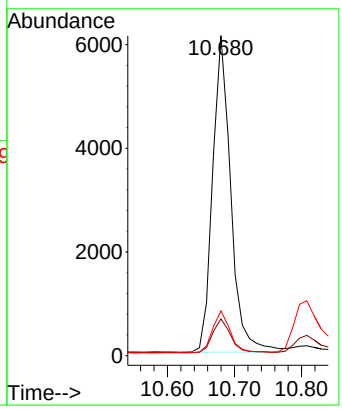


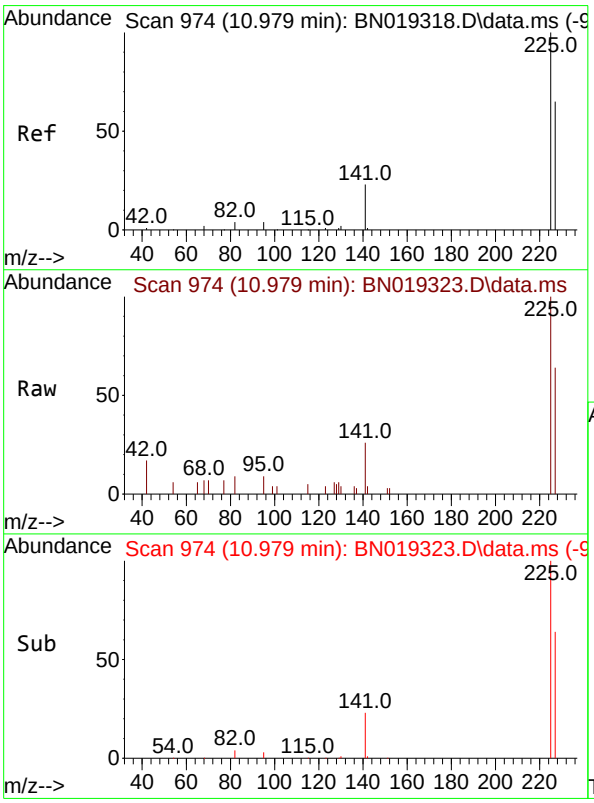
#9
Naphthalene
Concen: 0.454 ng
RT: 10.680 min Scan# 94
Delta R.T. 0.000 min
Lab File: BN019323.D
Acq: 04 Apr 2022 17:24

Instrument :
BNA_N
ClientSampleId :
ICVBN040422

Tgt Ion:128 Resp: 11483

Ion	Ratio	Lower	Upper
128	100		
129	11.5	9.0	13.4
127	14.0	10.7	16.1

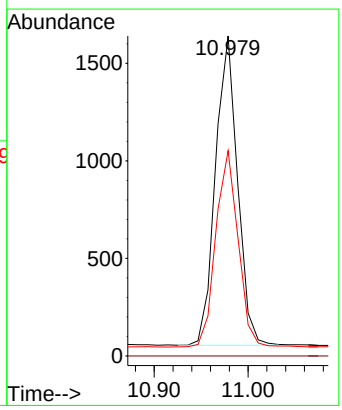


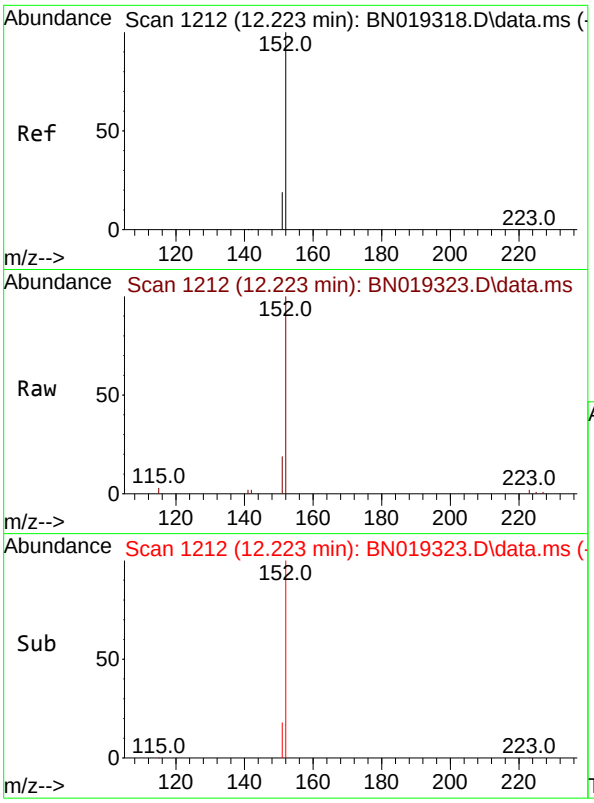


#10
Hexachlorobutadiene
Concen: 0.470 ng
RT: 10.979 min Scan# 974
Delta R.T. 0.000 min
Lab File: BN019323.D
Acq: 04 Apr 2022 17:24

Tgt Ion:225 Resp: 2590

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	64.1	51.0	76.6



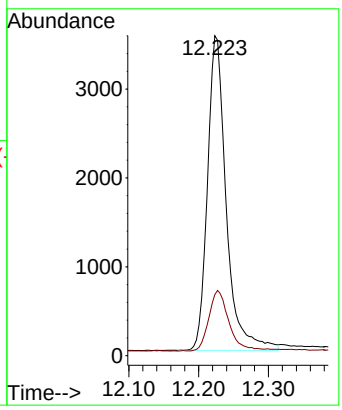


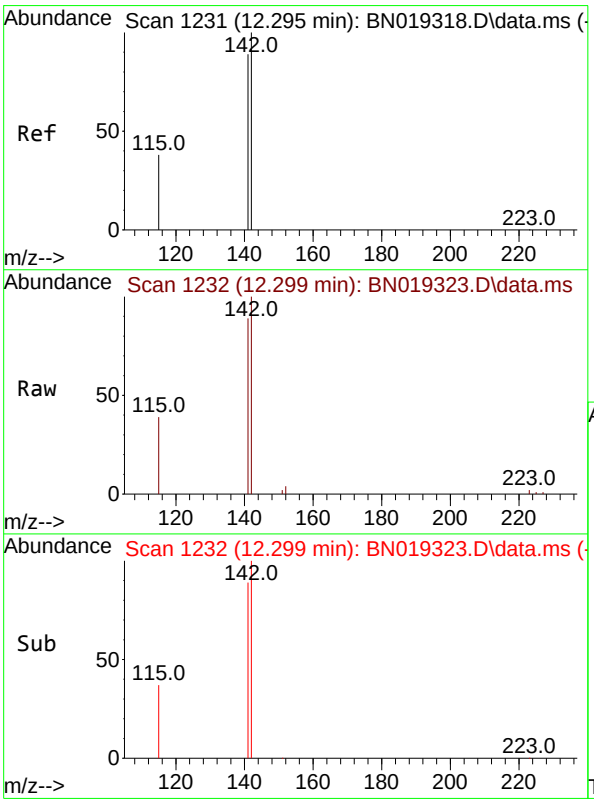
#11
2-Methylnaphthalene-d10
Concen: 0.440 ng
RT: 12.223 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN019323.D
Acq: 04 Apr 2022 17:24

Instrument :
BNA_N
ClientSampleId :
ICVBN040422

Tgt Ion:152 Resp: 6618

Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.5	24.7

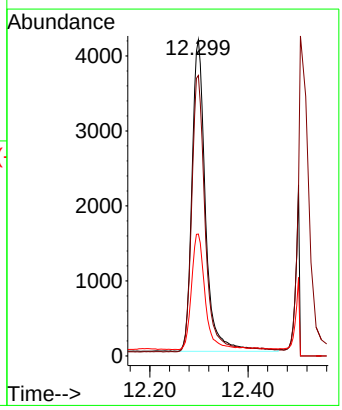


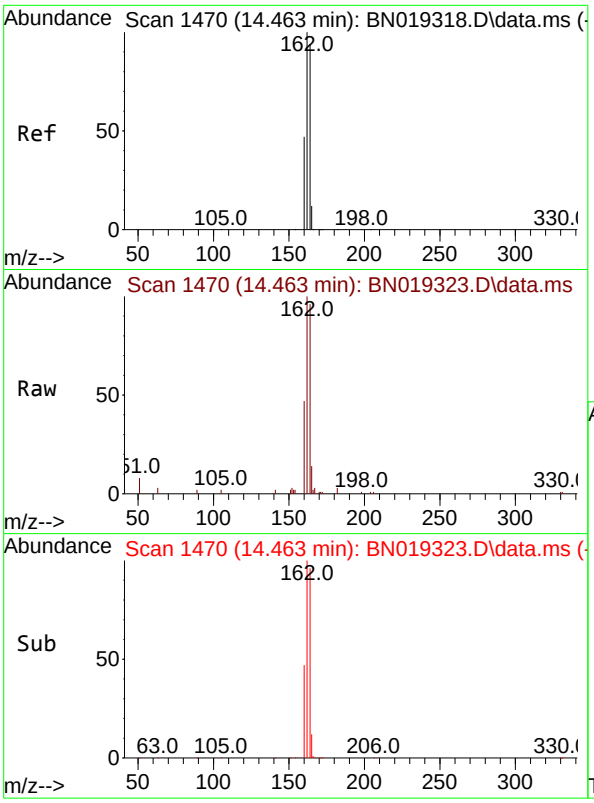


#12
2-Methylnaphthalene
Concen: 0.454 ng
RT: 12.299 min Scan# 1232
Delta R.T. 0.004 min
Lab File: BN019323.D
Acq: 04 Apr 2022 17:24

Tgt Ion:142 Resp: 7963

Ion	Ratio	Lower	Upper
142	100		
141	88.8	70.0	105.0
115	38.6	29.8	44.8



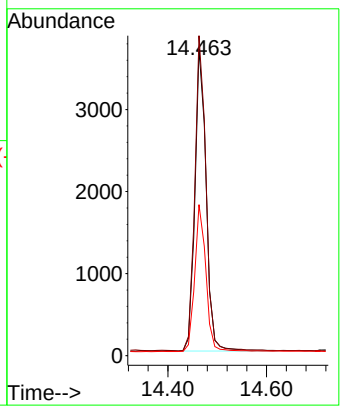


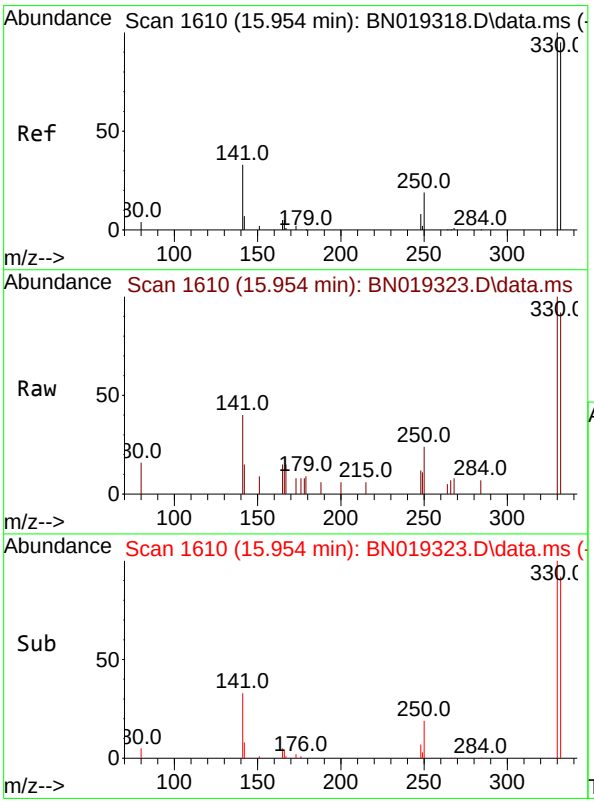
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.463 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN019323.D
Acq: 04 Apr 2022 17:24

Instrument :
BNA_N
ClientSampleId :
ICVBN040422

Tgt Ion:164 Resp: 5835

Ion	Ratio	Lower	Upper
164	100		
162	104.2	85.2	127.8
160	49.2	41.5	62.3

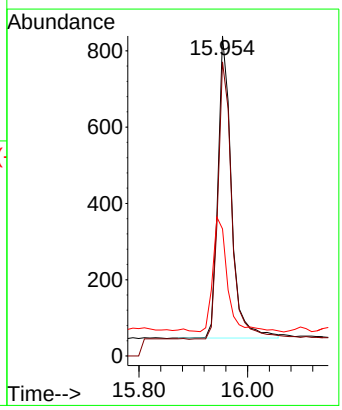


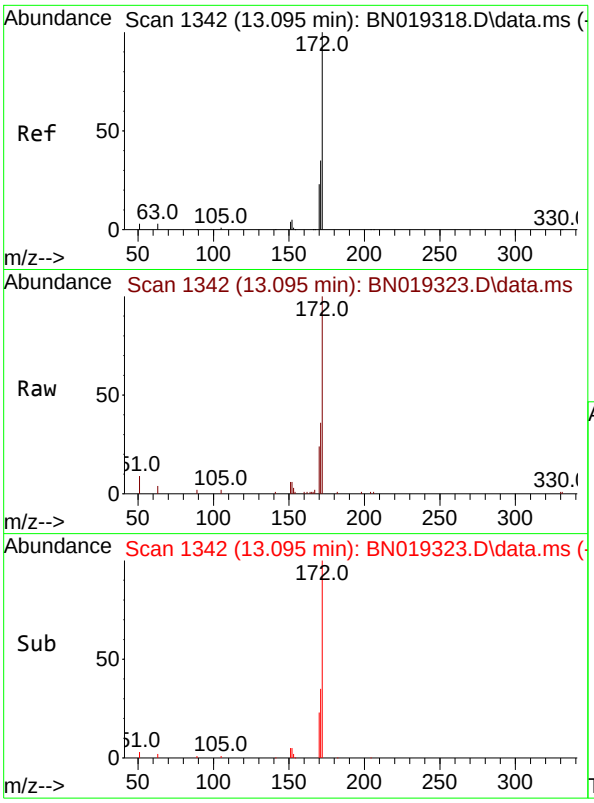


#14
2,4,6-Tribromophenol
Concen: 0.387 ng
RT: 15.954 min Scan# 1610
Delta R.T. 0.000 min
Lab File: BN019323.D
Acq: 04 Apr 2022 17:24

Tgt Ion:330 Resp: 1372

Ion	Ratio	Lower	Upper
330	100		
332	94.5	76.8	115.2
141	41.2	32.2	48.2



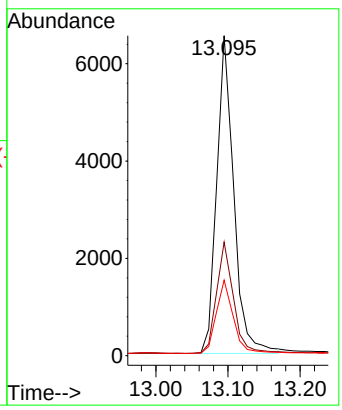


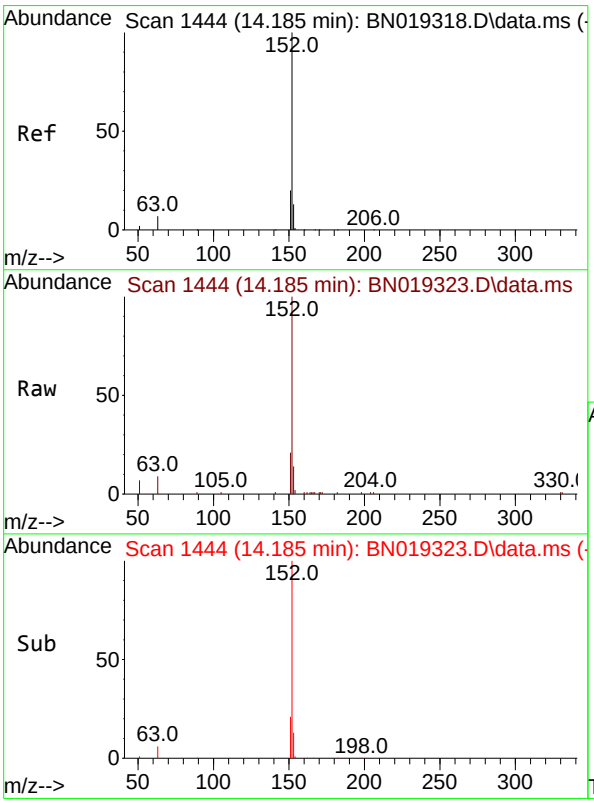
#15
2-Fluorobiphenyl
Concen: 0.442 ng
RT: 13.095 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN019323.D
Acq: 04 Apr 2022 17:24

Instrument :
BNA_N
ClientSampleId :
ICVBN040422

Tgt Ion:172 Resp: 10714

Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.2	42.2
170	23.6	18.7	28.1

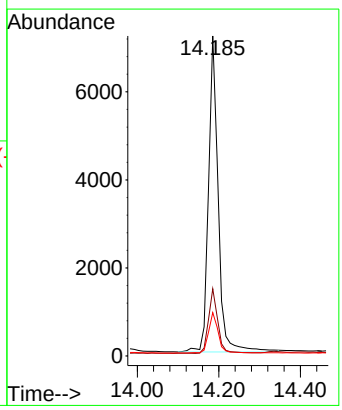


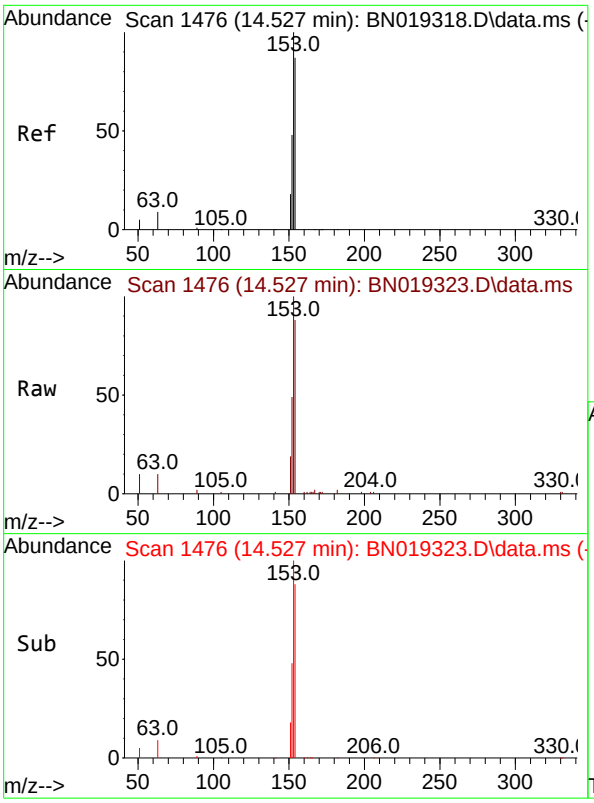


#16
Acenaphthylene
Concen: 0.411 ng
RT: 14.185 min Scan# 1444
Delta R.T. 0.000 min
Lab File: BN019323.D
Acq: 04 Apr 2022 17:24

Tgt Ion:152 Resp: 11917

Ion	Ratio	Lower	Upper
152	100		
151	19.4	15.9	23.9
153	12.8	10.6	15.8



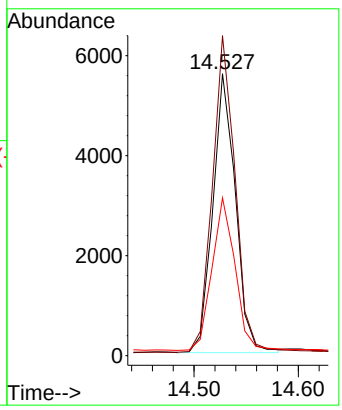


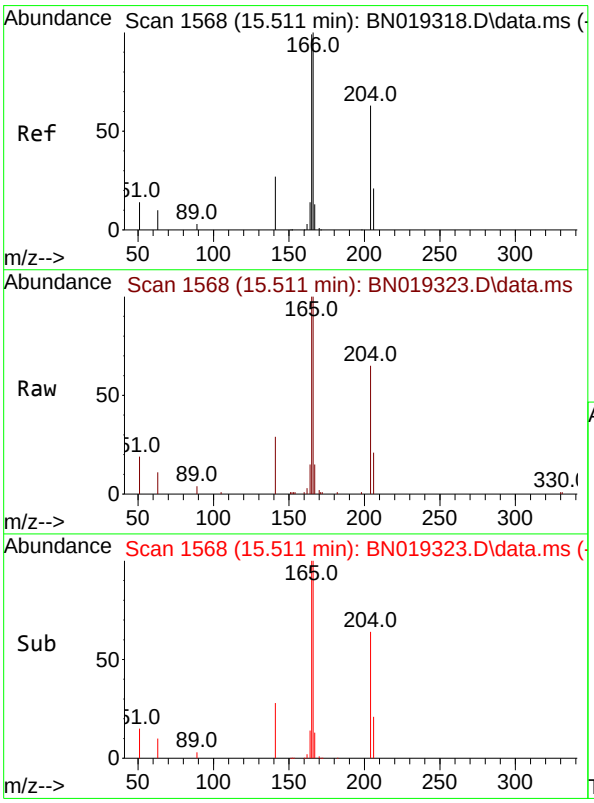
#17
Acenaphthene
Concen: 0.437 ng
RT: 14.527 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN019323.D
Acq: 04 Apr 2022 17:24

Instrument :
BNA_N
ClientSampleId :
ICVBN040422

Tgt Ion:154 Resp: 8420

Ion	Ratio	Lower	Upper
154	100		
153	114.9	89.7	134.5
152	56.7	44.7	67.1

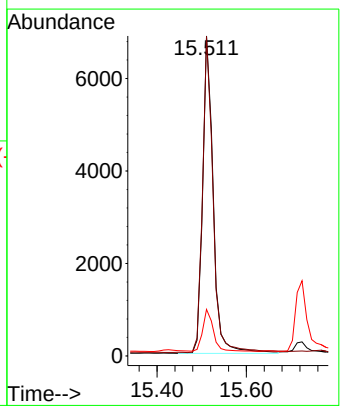


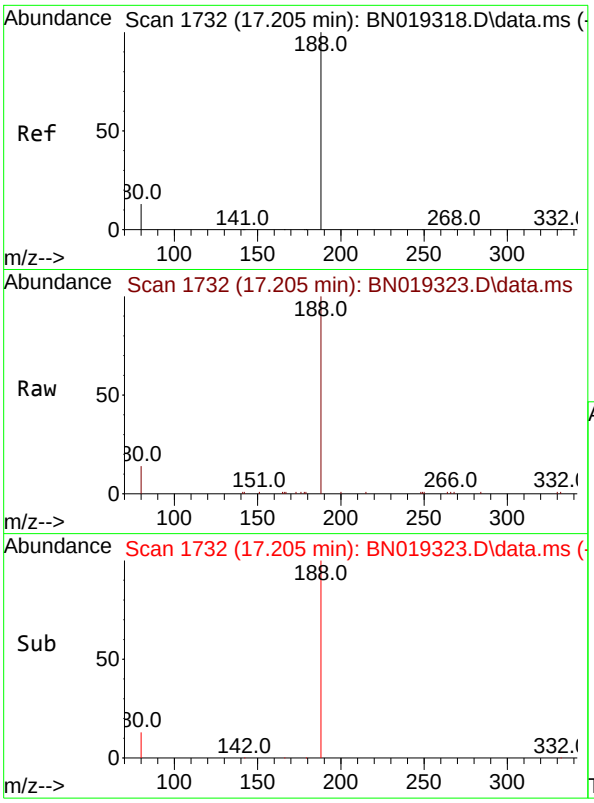


#18
Fluorene
Concen: 0.443 ng
RT: 15.511 min Scan# 1568
Delta R.T. 0.000 min
Lab File: BN019323.D
Acq: 04 Apr 2022 17:24

Tgt Ion:166 Resp: 11264

Ion	Ratio	Lower	Upper
166	100		
165	98.4	79.2	118.8
167	13.2	10.7	16.1



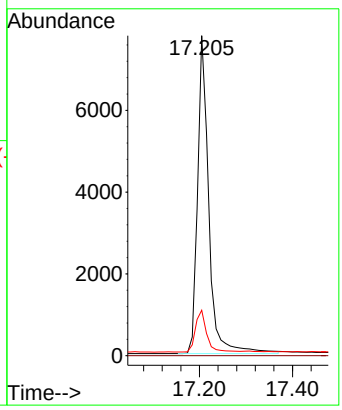


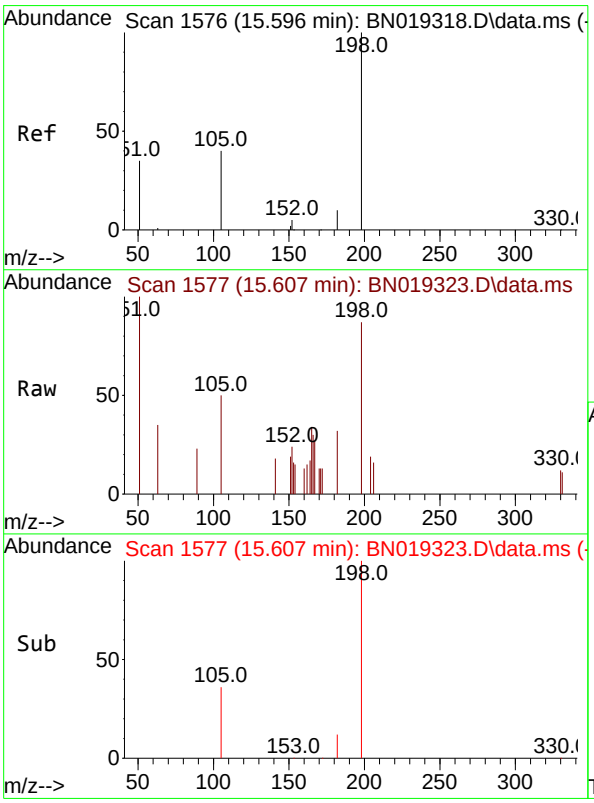
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.205 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN019323.D
Acq: 04 Apr 2022 17:24

Instrument :
BNA_N
ClientSampleId :
ICVBN040422

Tgt Ion:188 Resp: 13068

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	14.2	11.8	17.8

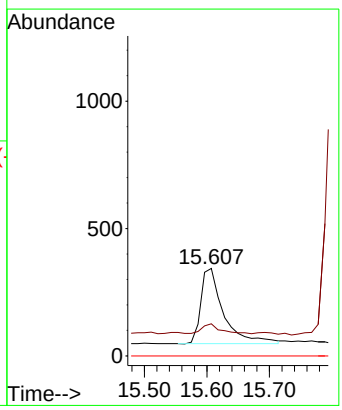


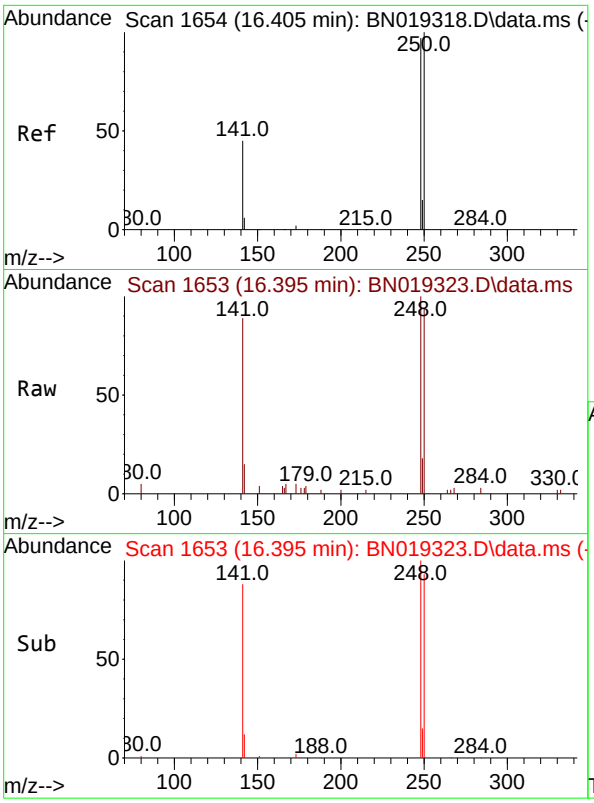


#20
4,6-Dinitro-2-methylphenol
Concen: 0.310 ng
RT: 15.607 min Scan# 1577
Delta R.T. 0.011 min
Lab File: BN019323.D
Acq: 04 Apr 2022 17:24

Tgt Ion:198 Resp: 745

Ion	Ratio	Lower	Upper
198	100		
182	36.7	13.0	19.4#
77	0.0	0.0	0.0



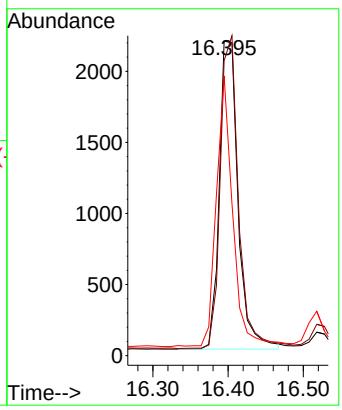


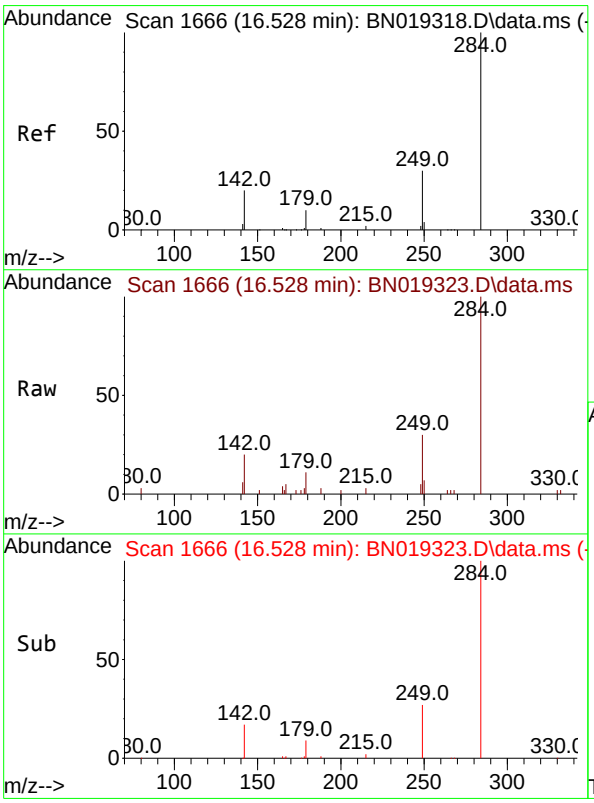
#21
4-Bromophenyl-phenylether
Concen: 0.426 ng
RT: 16.395 min Scan# 1
Delta R.T. -0.010 min
Lab File: BN019323.D
Acq: 04 Apr 2022 17:24

Instrument :
BNA_N
ClientSampleId :
ICVBN040422

Tgt Ion:248 Resp: 3753

Ion	Ratio	Lower	Upper
248	100		
250	93.7	80.7	121.1
141	89.0	39.6	59.4#

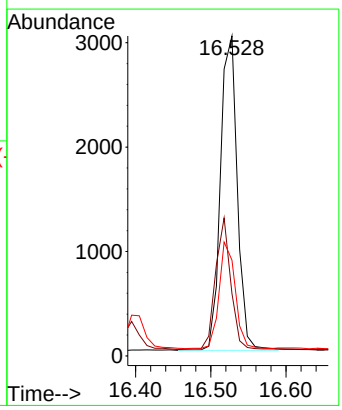


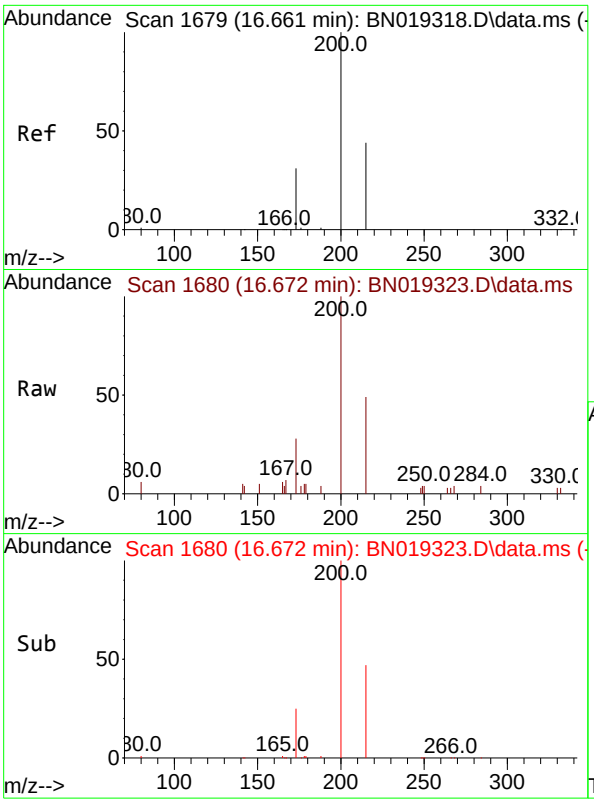


#22
Hexachlorobenzene
Concen: 0.452 ng
RT: 16.528 min Scan# 1666
Delta R.T. 0.000 min
Lab File: BN019323.D
Acq: 04 Apr 2022 17:24

Tgt Ion:284 Resp: 4657

Ion	Ratio	Lower	Upper
284	100		
142	38.1	29.8	44.8
249	32.4	26.2	39.2



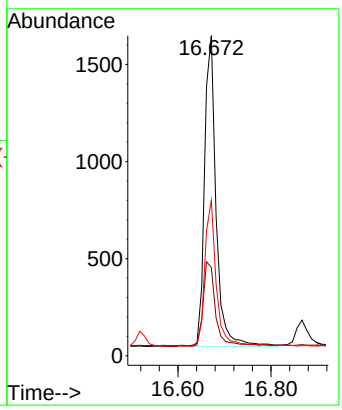


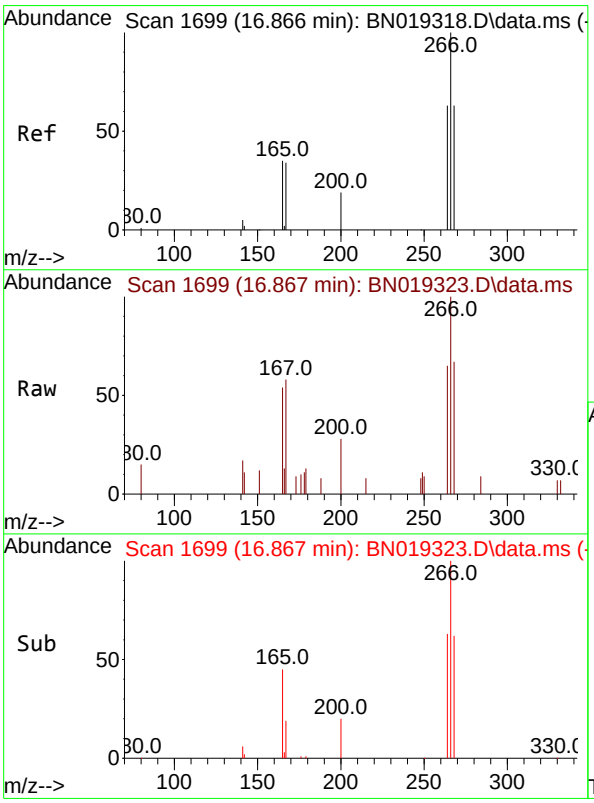
#23
Atrazine
Concen: 0.380 ng
RT: 16.672 min Scan# 1(
Delta R.T. 0.010 min
Lab File: BN019323.D
Acq: 04 Apr 2022 17:24

Instrument :
BNA_N
ClientSampleId :
ICVBN040422

Tgt Ion:200 Resp: 2757

Ion	Ratio	Lower	Upper
200	100		
173	27.6	23.9	35.9
215	48.5	36.6	54.8

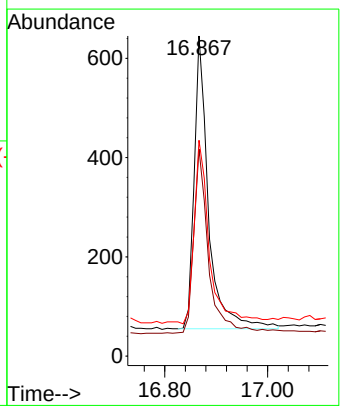


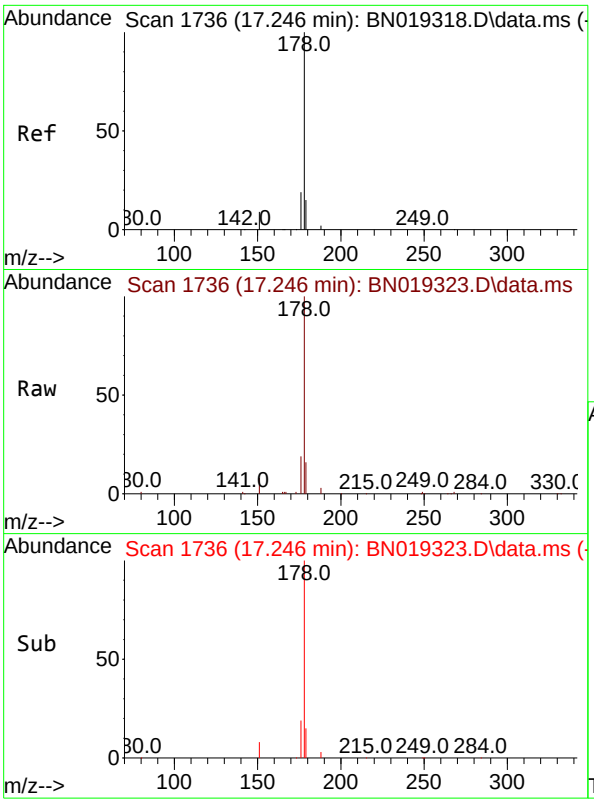


#24
Pentachlorophenol
Concen: 0.285 ng
RT: 16.867 min Scan# 1699
Delta R.T. 0.000 min
Lab File: BN019323.D
Acq: 04 Apr 2022 17:24

Tgt Ion:266 Resp: 1142

Ion	Ratio	Lower	Upper
266	100		
264	63.8	50.2	75.4
268	66.6	51.9	77.9



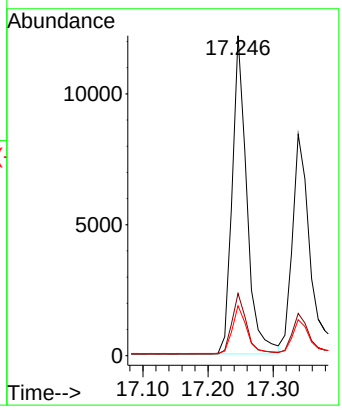


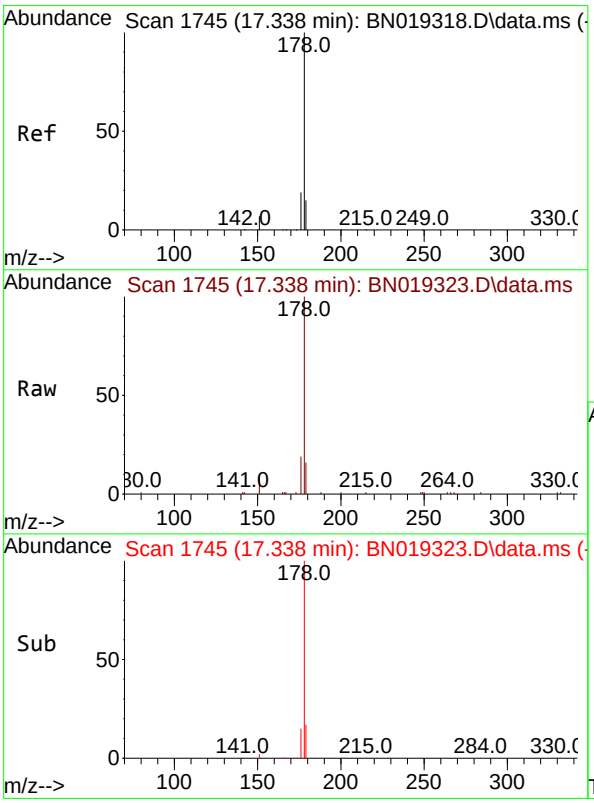
#25
Phenanthrene
Concen: 0.431 ng
RT: 17.246 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN019323.D
Acq: 04 Apr 2022 17:24

Instrument :
BNA_N
ClientSampleId :
ICVBN040422

Tgt Ion:178 Resp: 18906

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.4	23.0
179	15.2	12.2	18.2

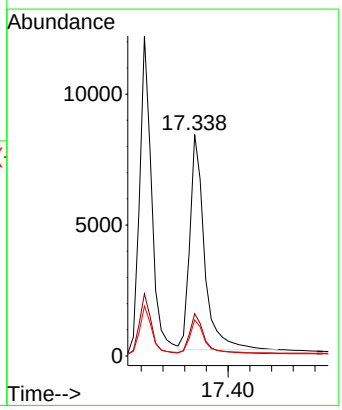


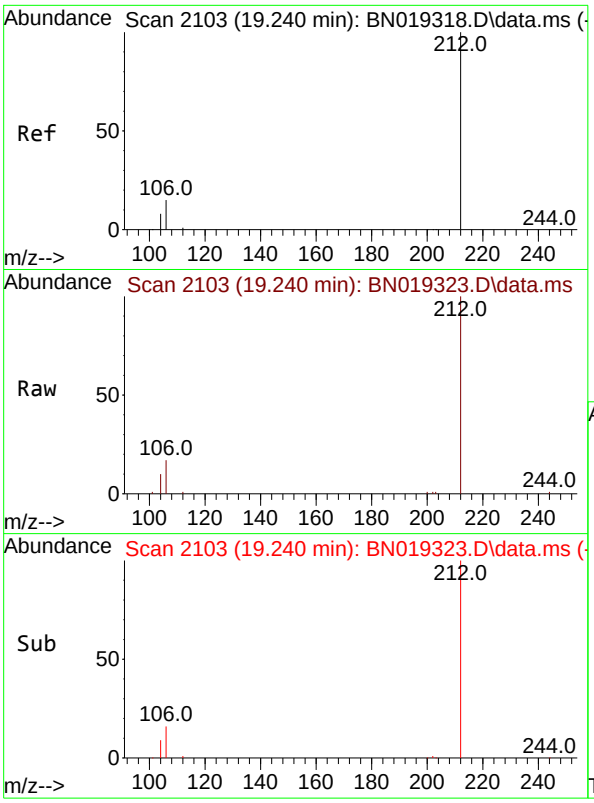


#26
Anthracene
Concen: 0.402 ng
RT: 17.338 min Scan# 1745
Delta R.T. 0.000 min
Lab File: BN019323.D
Acq: 04 Apr 2022 17:24

Tgt Ion:178 Resp: 15500

Ion	Ratio	Lower	Upper
178	100		
176	18.1	14.8	22.2
179	15.3	12.2	18.4



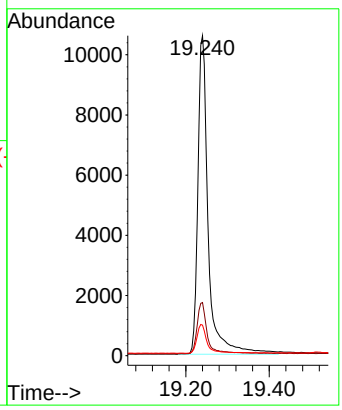


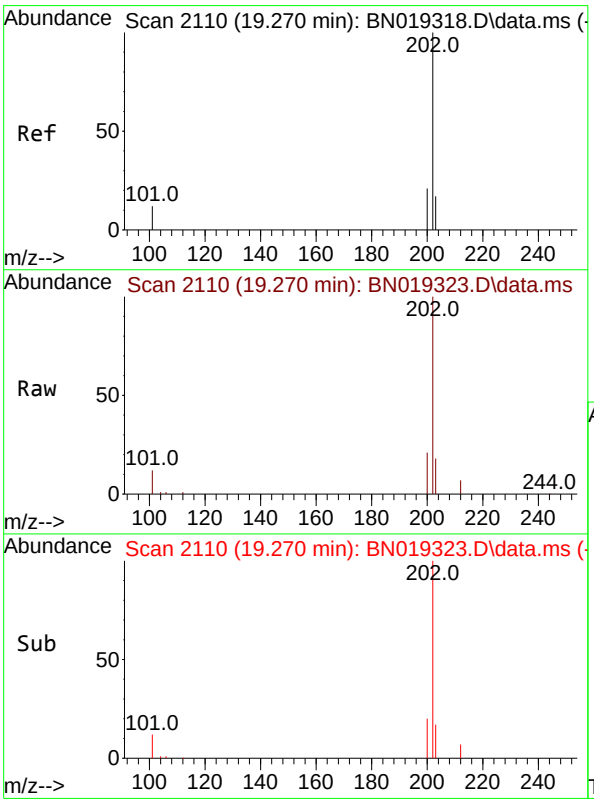
#27
Fluoranthene-d10
Concen: 0.431 ng
RT: 19.240 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN019323.D
Acq: 04 Apr 2022 17:24

Instrument :
BNA_N
ClientSampleId :
ICVBN040422

Tgt Ion:212 Resp: 18162

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

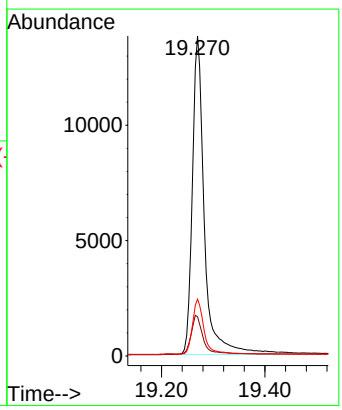


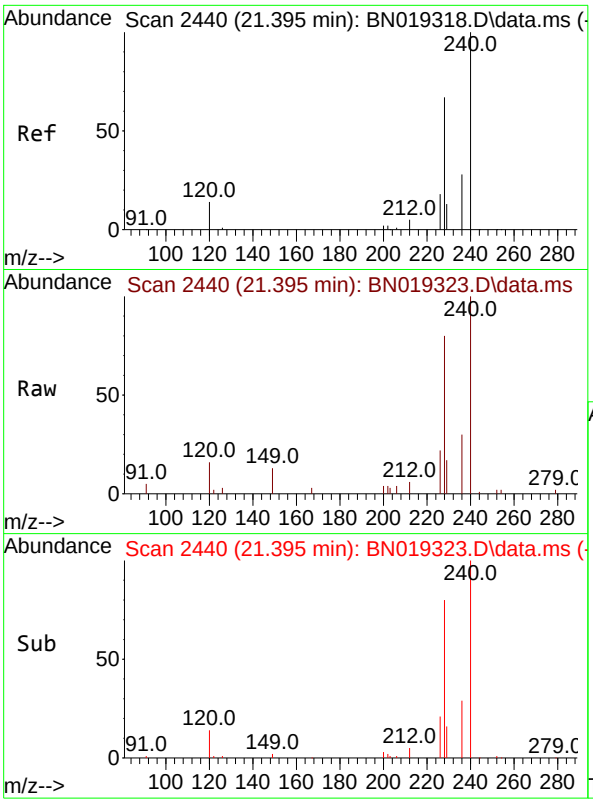


#28
Fluoranthene
Concen: 0.429 ng
RT: 19.270 min Scan# 2110
Delta R.T. 0.000 min
Lab File: BN019323.D
Acq: 04 Apr 2022 17:24

Tgt Ion:202 Resp: 22327

Ion	Ratio	Lower	Upper
202	100		
101	12.5	9.8	14.6
203	16.7	13.7	20.5



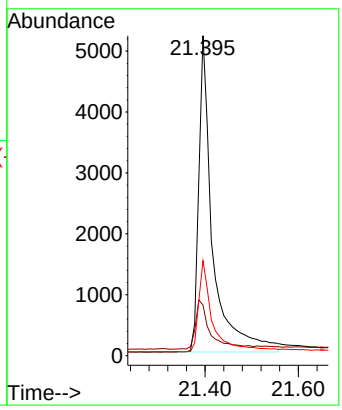


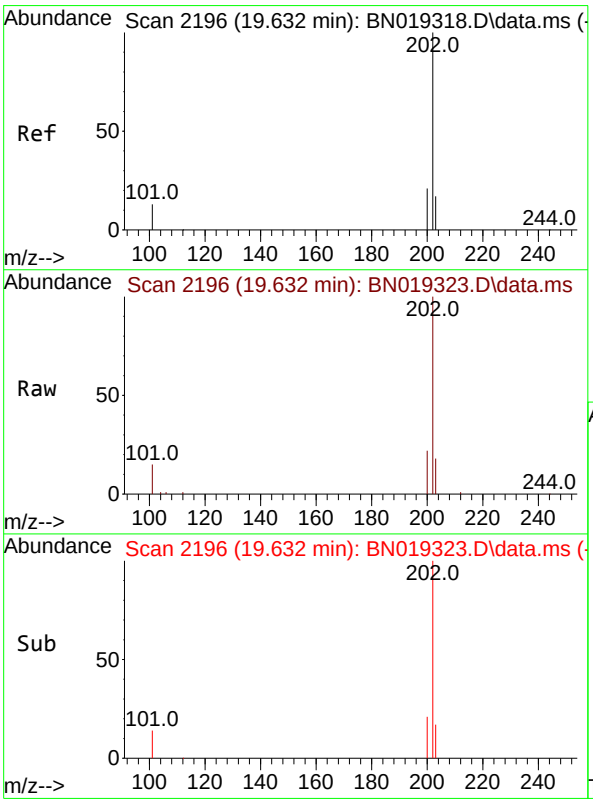
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.395 min Scan# 24
Delta R.T. 0.000 min
Lab File: BN019323.D
Acq: 04 Apr 2022 17:24

Instrument :
BNA_N
ClientSampleId :
ICVBN040422

Tgt Ion:240 Resp: 10796

Ion	Ratio	Lower	Upper
240	100		
120	15.8	8.5	12.7#
236	29.6	22.4	33.6

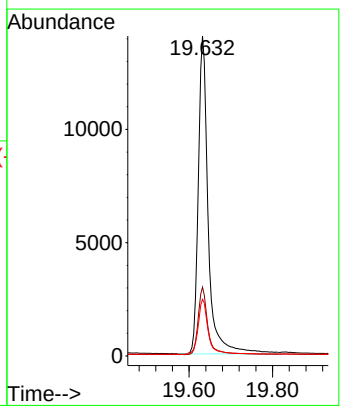


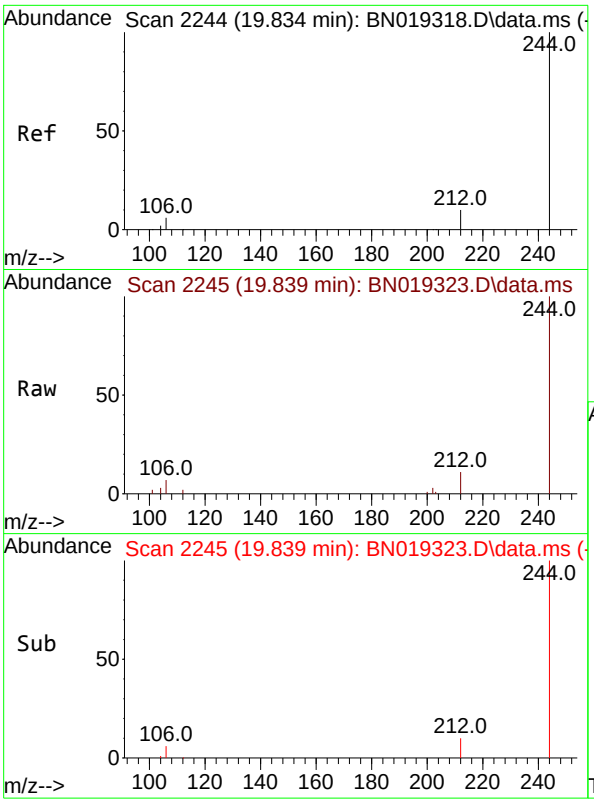


#30
Pyrene
Concen: 0.462 ng
RT: 19.632 min Scan# 2196
Delta R.T. 0.000 min
Lab File: BN019323.D
Acq: 04 Apr 2022 17:24

Tgt Ion:202 Resp: 23203

Ion	Ratio	Lower	Upper
202	100		
200	20.9	16.9	25.3
203	17.8	14.2	21.2



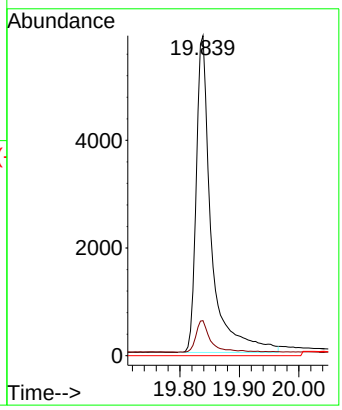


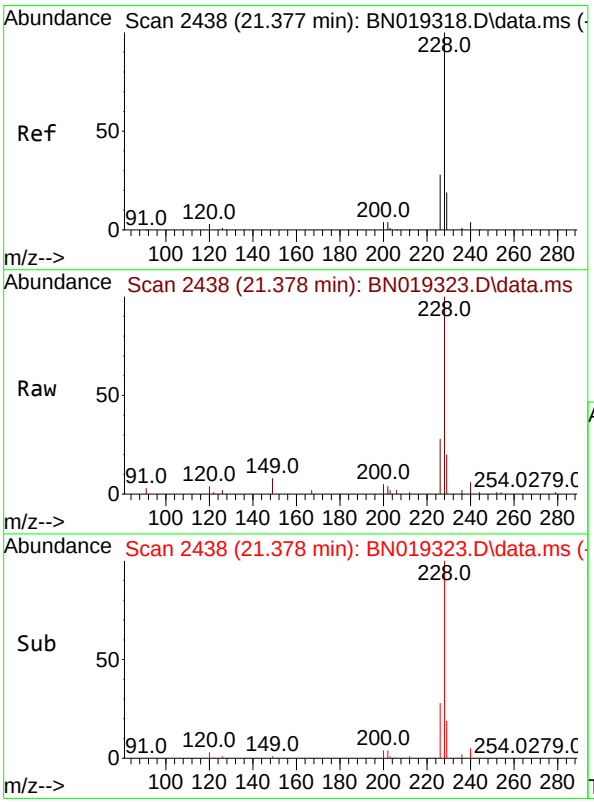
#31
Terphenyl-d14
Concen: 0.443 ng
RT: 19.839 min Scan# 2
Delta R.T. 0.004 min
Lab File: BN019323.D
Acq: 04 Apr 2022 17:24

Instrument :
BNA_N
ClientSampleId :
ICVBN040422

Tgt Ion:244 Resp: 10394

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

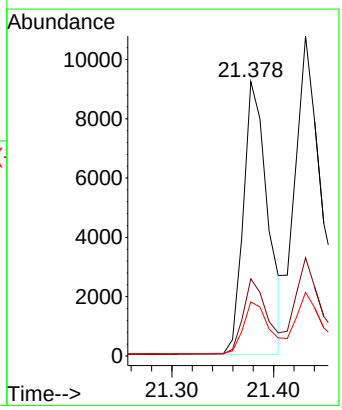


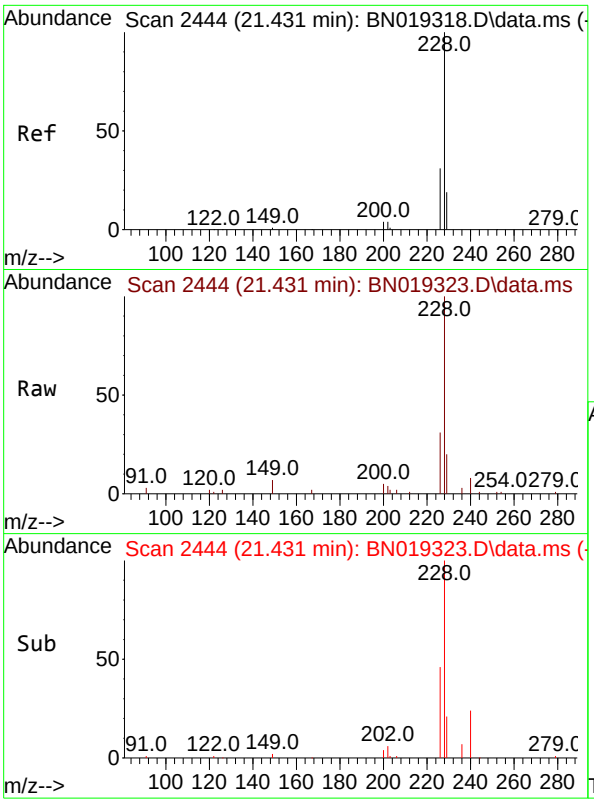


#32
Benzo(a)anthracene
Concen: 0.383 ng
RT: 21.378 min Scan# 2438
Delta R.T. 0.000 min
Lab File: BN019323.D
Acq: 04 Apr 2022 17:24

Tgt Ion:228 Resp: 15277

Ion	Ratio	Lower	Upper
228	100		
226	28.1	21.9	32.9
229	19.7	16.0	24.0



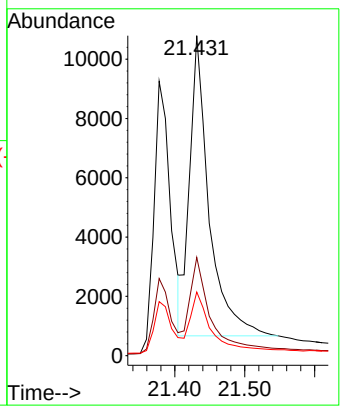


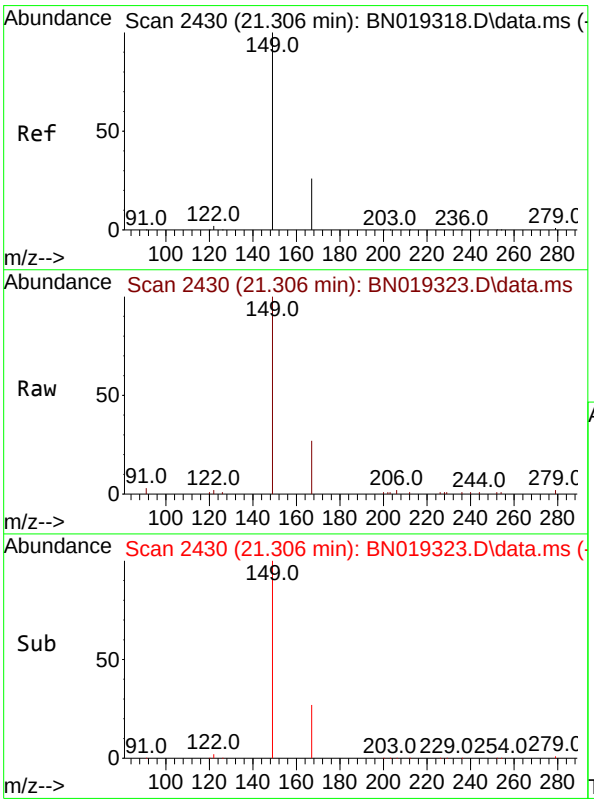
#33
Chrysene
Concen: 0.440 ng
RT: 21.431 min Scan# 24
Delta R.T. 0.000 min
Lab File: BN019323.D
Acq: 04 Apr 2022 17:24

Instrument :
BNA_N
ClientSampleId :
ICVBN040422

Tgt Ion:228 Resp: 19506

Ion	Ratio	Lower	Upper
228	100		
226	30.7	24.0	36.0
229	19.9	15.9	23.9

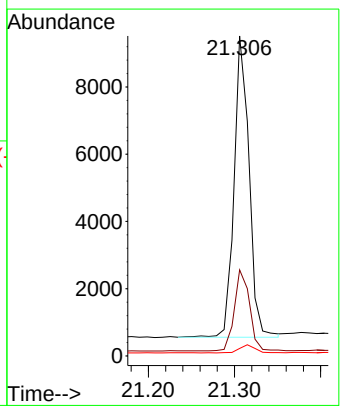


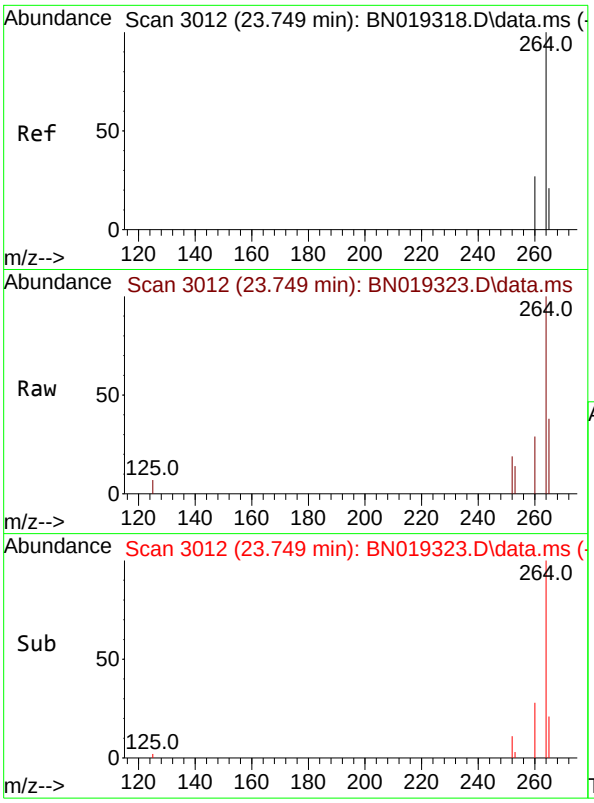


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.366 ng
RT: 21.306 min Scan# 2430
Delta R.T. 0.000 min
Lab File: BN019323.D
Acq: 04 Apr 2022 17:24

Tgt Ion:149 Resp: 10851

Ion	Ratio	Lower	Upper
149	100		
167	27.3	21.8	32.8
279	2.9	2.0	3.0



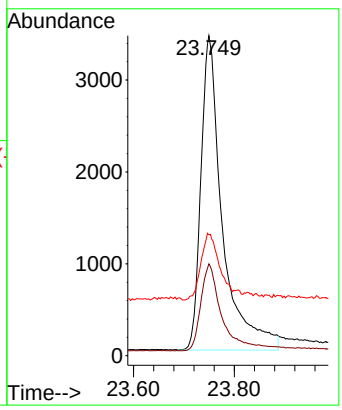


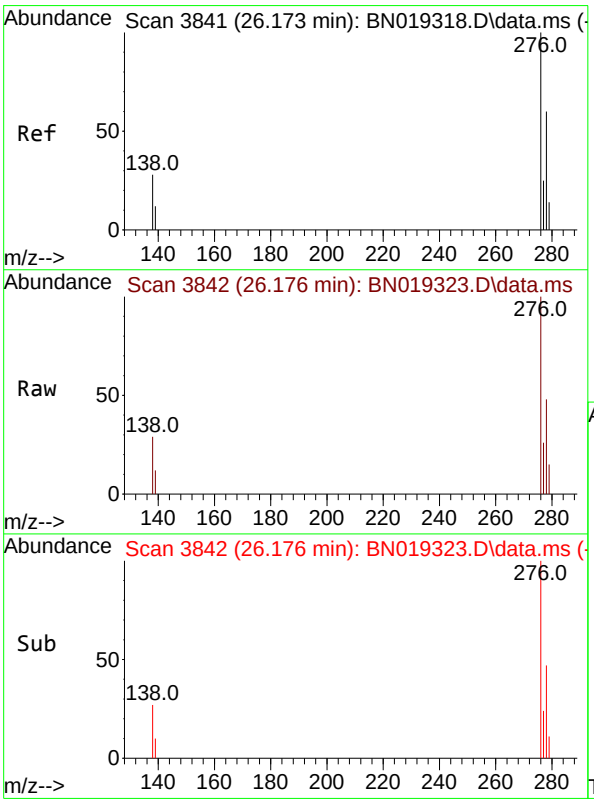
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.749 min Scan# 3
Delta R.T. 0.000 min
Lab File: BN019323.D
Acq: 04 Apr 2022 17:24

Instrument :
BNA_N
ClientSampleId :
ICVBN040422

Tgt Ion:264 Resp: 10141

Ion	Ratio	Lower	Upper
264	100		
260	28.7	22.4	33.6
265	37.8	25.3	37.9

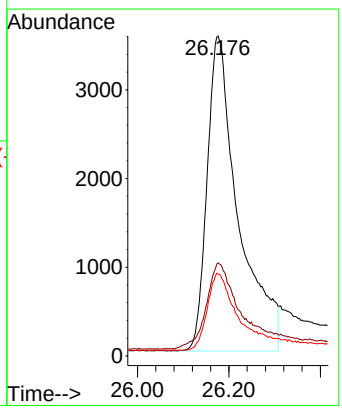


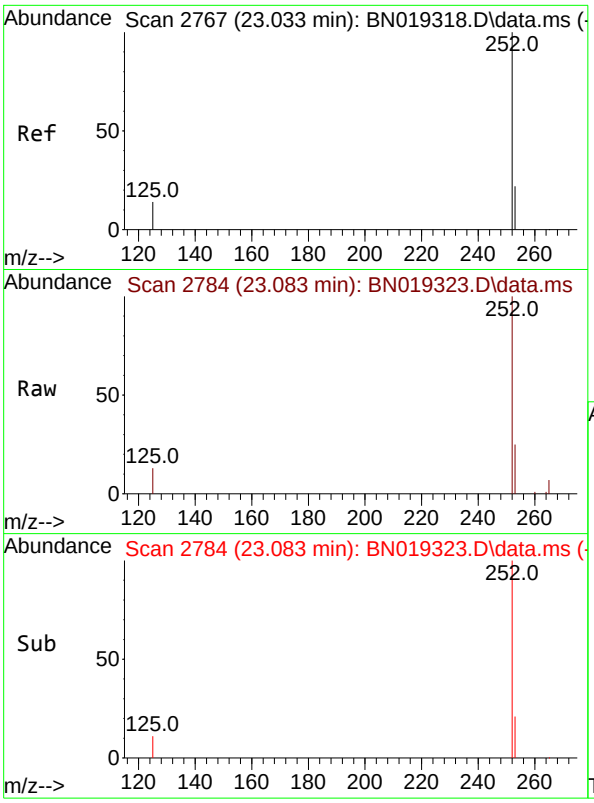


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.397 ng
RT: 26.176 min Scan# 3842
Delta R.T. 0.003 min
Lab File: BN019323.D
Acq: 04 Apr 2022 17:24

Tgt Ion:276 Resp: 16843

Ion	Ratio	Lower	Upper
276	100		
138	29.7	24.5	36.7
277	24.9	19.8	29.8



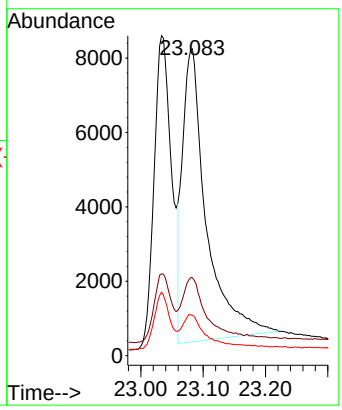


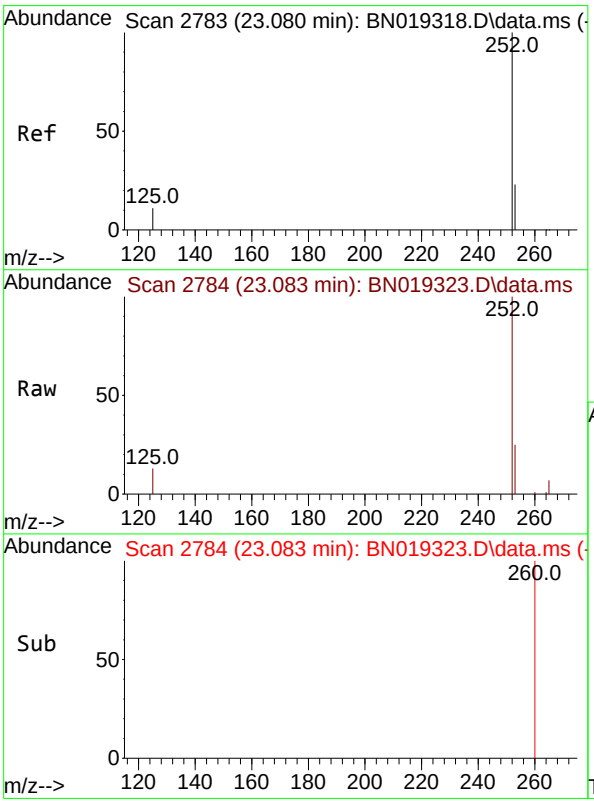
#37
Benzo(b)fluoranthene
Concen: 0.526 ng
RT: 23.083 min Scan# 2
Delta R.T. 0.050 min
Lab File: BN019323.D
Acq: 04 Apr 2022 17:24

Instrument :
BNA_N
ClientSampleId :
ICVBN040422

Tgt Ion:252 Resp: 20913

Ion	Ratio	Lower	Upper
252	100		
253	25.4	18.9	28.3
125	13.2	12.1	18.1

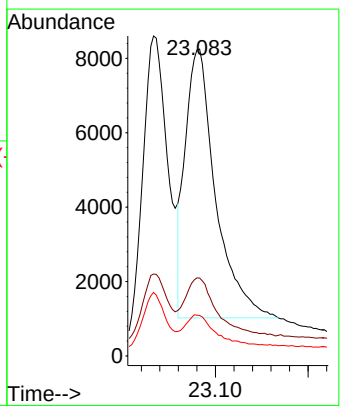


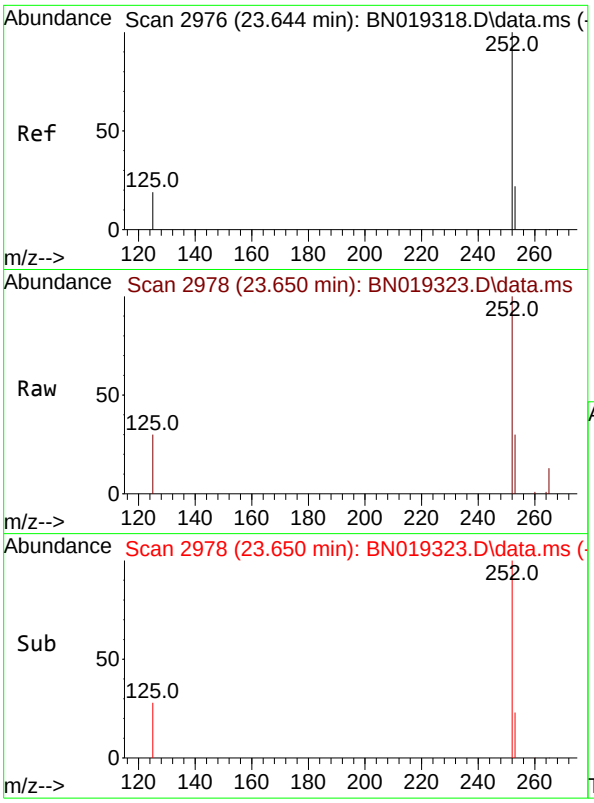


#38
Benzo(k)fluoranthene
Concen: 0.396 ng
RT: 23.083 min Scan# 2784
Delta R.T. 0.003 min
Lab File: BN019323.D
Acq: 04 Apr 2022 17:24

Tgt Ion:252 Resp: 16434

Ion	Ratio	Lower	Upper
252	100		
253	25.4	18.9	28.3
125	13.2	10.3	15.5



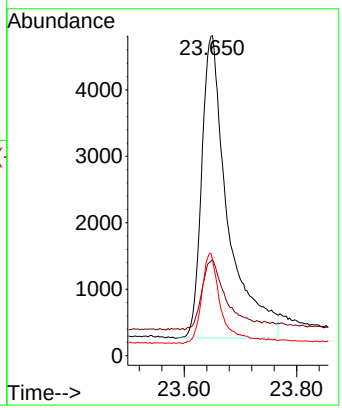


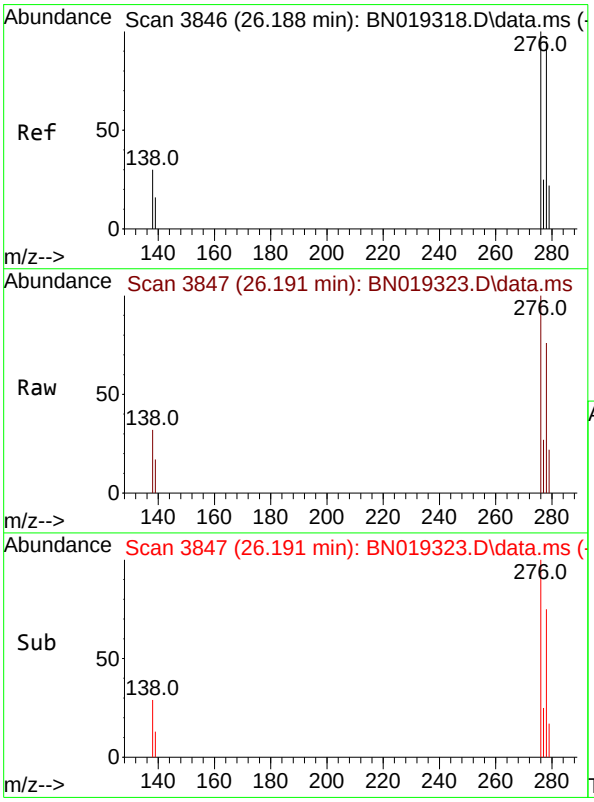
#39
Benzo(a)pyrene
Concen: 0.412 ng
RT: 23.650 min Scan# 2
Delta R.T. 0.006 min
Lab File: BN019323.D
Acq: 04 Apr 2022 17:24

Instrument :
BNA_N
ClientSampleId :
ICVBN040422

Tgt Ion:252 Resp: 14720

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

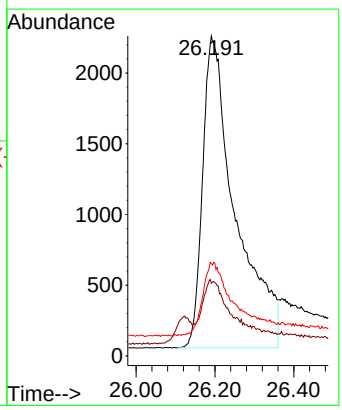


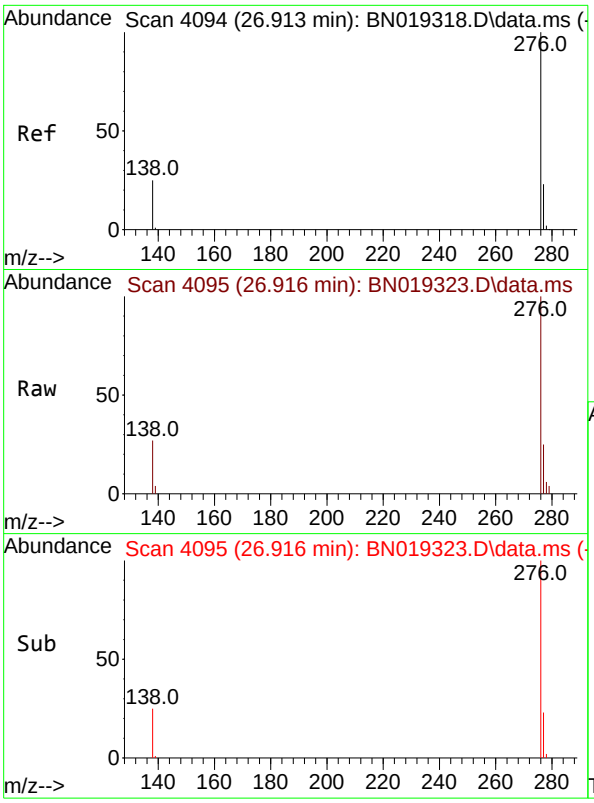


#40
Dibenzo(a,h)anthracene
Concen: 0.388 ng
RT: 26.191 min Scan# 3847
Delta R.T. 0.003 min
Lab File: BN019323.D
Acq: 04 Apr 2022 17:24

Tgt Ion:278 Resp: 12746

Ion	Ratio	Lower	Upper
278	100		
139	22.8	17.2	25.8
279	28.9	19.9	29.9





#41
Benzo(g,h,i)perylene
Concen: 0.438 ng
RT: 26.916 min Scan# 4
Delta R.T. 0.003 min
Lab File: BN019323.D
Acq: 04 Apr 2022 17:24

Instrument :
BNA_N
ClientSampleId :
ICVBN040422

Tgt Ion:276 Resp: 17251

Ion	Ratio	Lower	Upper
276	100		
277	24.6	19.4	29.0
138	27.1	21.0	31.6