Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051322\
Data File : BN019758.D
Acq On : 12 May 2022 20:13
Operator : CG/JU
Sample : SSTDICV0.4
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
ICVBN051322

Quant Time: May 13 02:45:50 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN051322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 13 02:41:37 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.855	152	5361	0.400	ng		0.00
7) Naphthalene-d8	10.648	136	16243	0.400	ng		0.00
13) Acenaphthene-d10	14.474	164	9926	0.400	ng		0.00
19) Phenanthrene-d10	17.215	188	22416	0.400	ng		0.00
29) Chrysene-d12	21.396	240	18698	0.400	ng		0.00
35) Perylene-d12	23.738	264	15073	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.435	112	5298	0.395	ng		0.00
5) Phenol-d6	7.017	99	6429	0.383	ng		0.00
8) Nitrobenzene-d5	9.004	82	4543	0.370	ng		0.00
11) 2-Methylnaphthalene-d10	12.231	152	10909	0.386	ng		0.00
14) 2,4,6-Tribromophenol	15.954	330	1355	0.345	ng		-0.01
15) 2-Fluorobiphenyl	13.105	172	16917	0.390	ng		0.00
27) Fluoranthene-d10	19.244	212	24418	0.383	ng		0.00
31) Terphenyl-d14	19.843	244	17478	0.396	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.355	88	2515	0.395	ng		100
3) n-Nitrosodimethylamine	3.673	42	2565	0.368	ng		96
6) bis(2-Chloroethyl)ether	7.277	93	6354	0.388	ng		100
9) Naphthalene	10.690	128	19146	0.388	ng		100
10) Hexachlorobutadiene	10.989	225	3558	0.397	ng	#	99
12) 2-Methylnaphthalene	12.306	142	12916	0.384	ng		99
16) Acenaphthylene	14.196	152	17296	0.371	ng		98
17) Acenaphthene	14.538	154	13106	0.381	ng		99
18) Fluorene	15.522	166	16617	0.382	ng		100
20) 4,6-Dinitro-2-methylph...	15.596	198	1205	0.375	ng		99
21) 4-Bromophenyl-phenylether	16.405	248	5125	0.374	ng		99
22) Hexachlorobenzene	16.528	284	5944	0.391	ng		99
23) Atrazine	16.672	200	3162	0.354	ng		99
24) Pentachlorophenol	16.867	266	1895	0.323	ng		98
25) Phenanthrene	17.256	178	29871	0.385	ng		100
26) Anthracene	17.349	178	24409	0.372	ng		99
28) Fluoranthene	19.274	202	31779	0.382	ng		99
30) Pyrene	19.636	202	31765	0.401	ng		100
32) Benzo(a)anthracene	21.387	228	24915	0.366	ng		100
33) Chrysene	21.431	228	30689	0.402	ng		98
34) Bis(2-ethylhexyl)phtha...	21.324	149	10531	0.371	ng		99
36) Indeno(1,2,3-cd)pyrene	26.138	276	25155	0.356	ng		100
37) Benzo(b)fluoranthene	23.027	252	25124	0.382	ng		100
38) Benzo(k)fluoranthene	23.074	252	26874	0.385	ng		100
39) Benzo(a)pyrene	23.633	252	19023	0.367	ng		99
40) Dibenzo(a,h)anthracene	26.156	278	20281	0.356	ng		99
41) Benzo(g,h,i)perylene	26.872	276	20588	0.352	ng		99

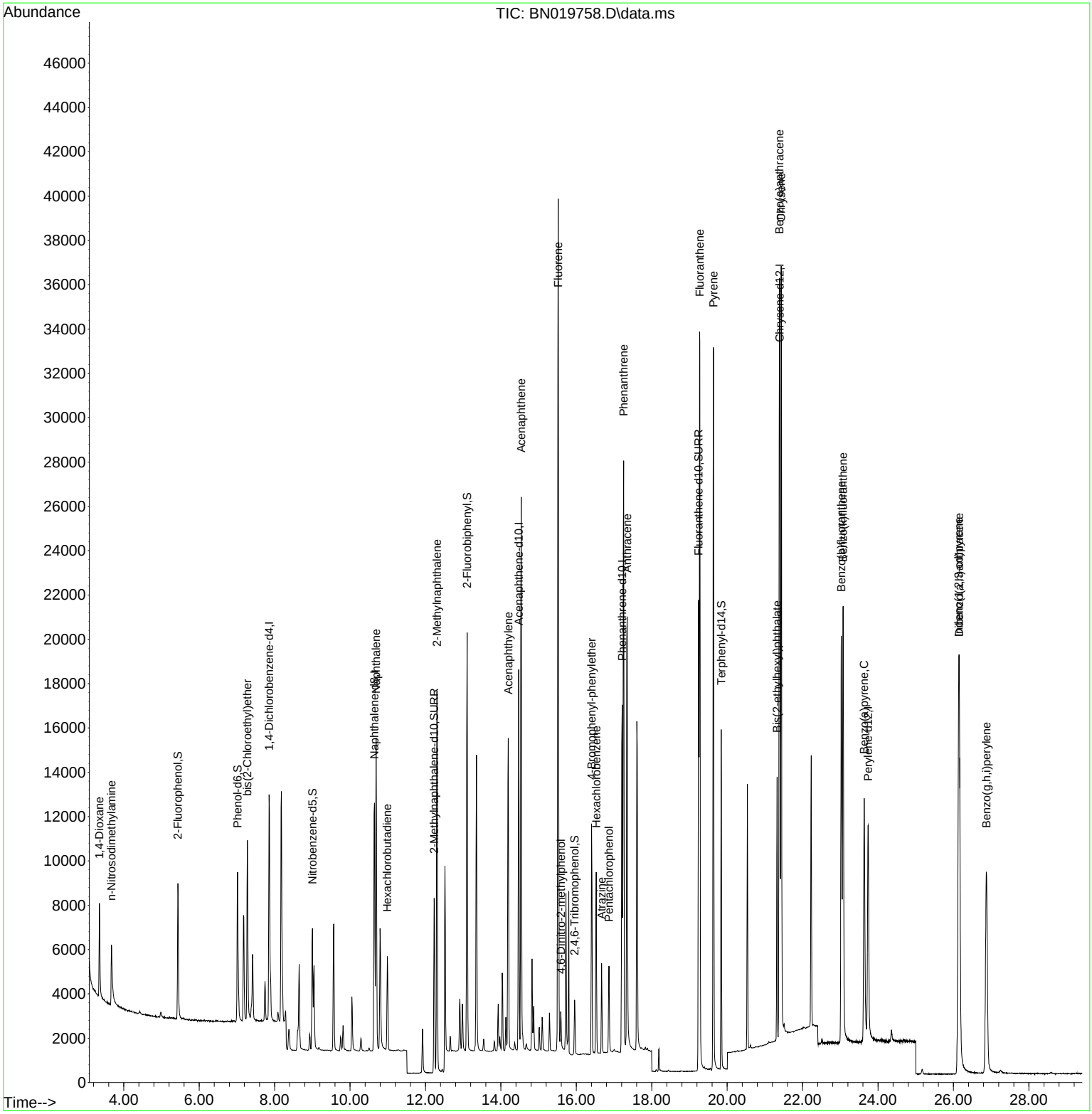
(#) = qualifier out of range (m) = manual integration (+) = signals summed

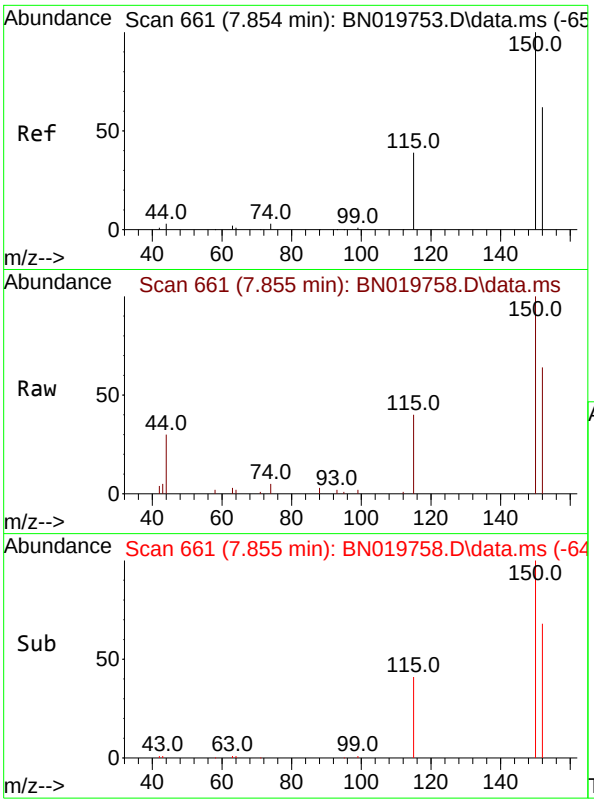
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051322\
Data File : BN019758.D
Acq On : 12 May 2022 20:13
Operator : CG/JU
Sample : SSTDICV0.4
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
ICVBN051322

Quant Time: May 13 02:45:50 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN051322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 13 02:41:37 2022
Response via : Initial Calibration



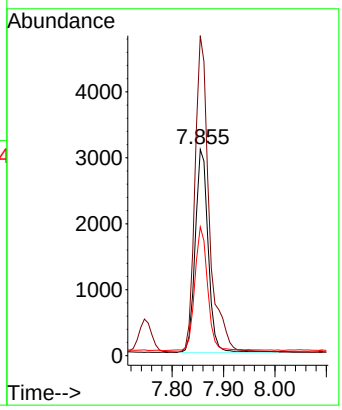


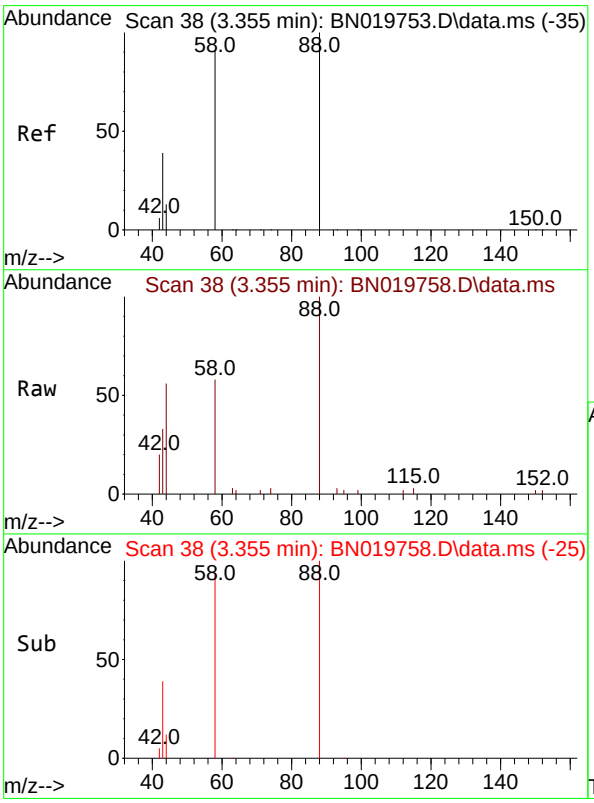
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.855 min Scan# 6
Delta R.T. -0.007 min
Lab File: BN019758.D
Acq: 12 May 2022 20:13

Instrument :
BNA_N
ClientSampleId :
ICVBN051322

Tgt Ion:152 Resp: 5361

Ion	Ratio	Lower	Upper
152	100		
150	155.2	127.9	191.9
115	62.5	51.4	77.2

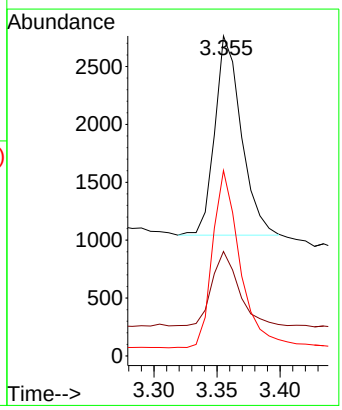


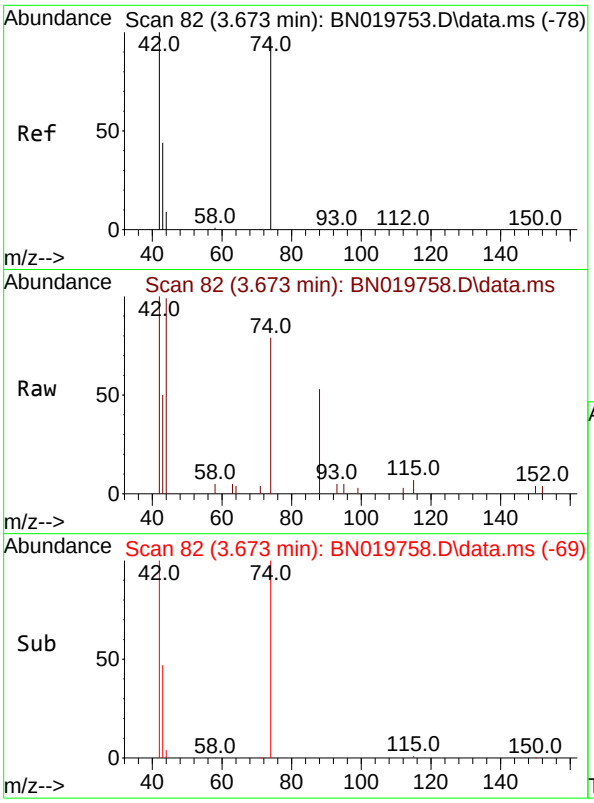


#2
1,4-Dioxane
Concen: 0.395 ng
RT: 3.355 min Scan# 38
Delta R.T. -0.007 min
Lab File: BN019758.D
Acq: 12 May 2022 20:13

Tgt Ion: 88 Resp: 2515

Ion	Ratio	Lower	Upper
88	100		
43	37.3	30.2	45.2
58	91.2	73.0	109.6



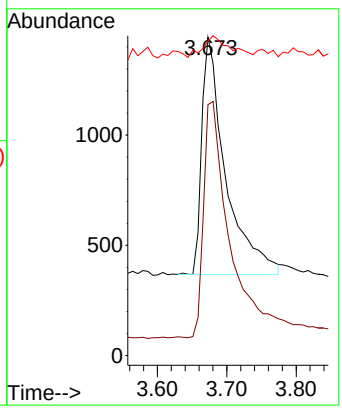


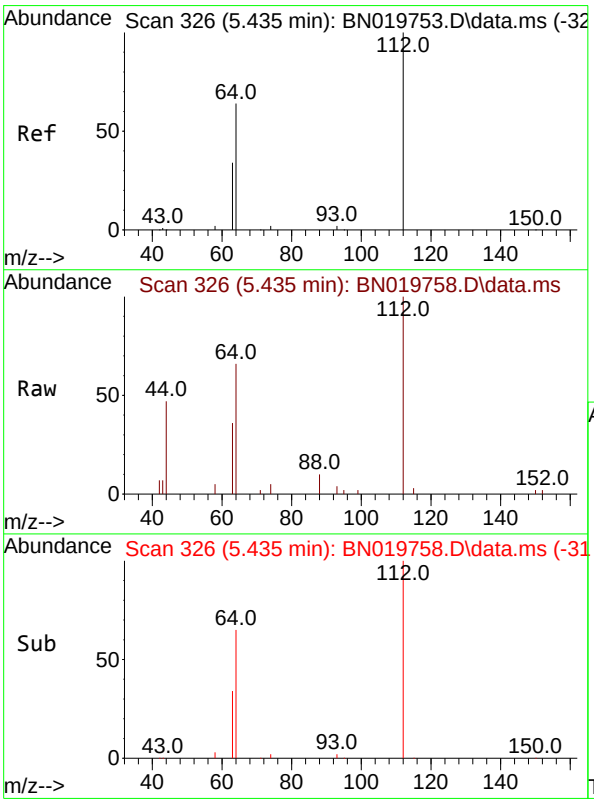
#3
n-Nitrosodimethylamine
Concen: 0.368 ng
RT: 3.673 min Scan# 8
Delta R.T. -0.007 min
Lab File: BN019758.D
Acq: 12 May 2022 20:13

Instrument :
BNA_N
ClientSampleId :
ICVBN051322

Tgt Ion: 42 Resp: 2565

Ion	Ratio	Lower	Upper
42	100		
74	108.5	84.0	126.0
44	10.3	9.8	14.8

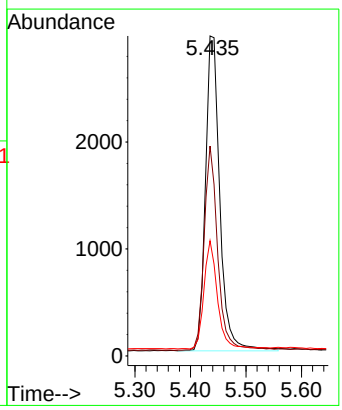


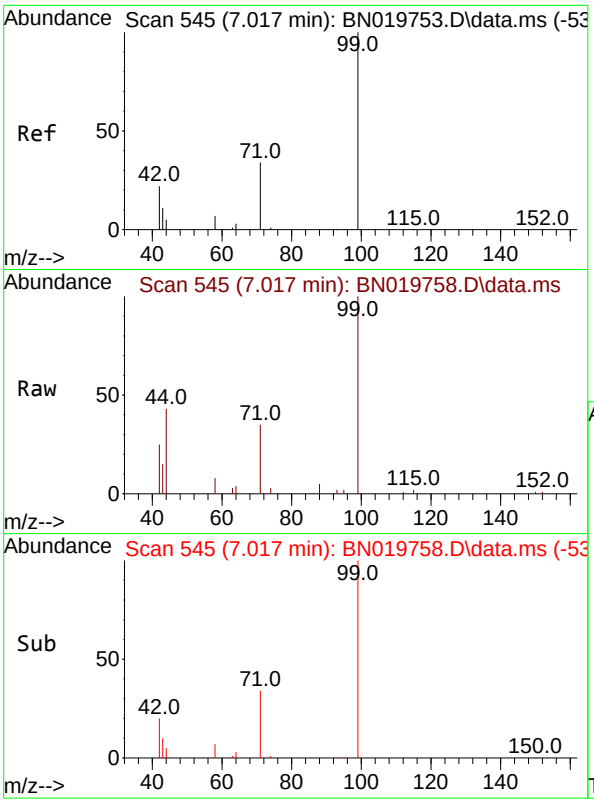


#4
2-Fluorophenol
Concen: 0.395 ng
RT: 5.435 min Scan# 326
Delta R.T. -0.007 min
Lab File: BN019758.D
Acq: 12 May 2022 20:13

Tgt Ion:112 Resp: 5298

Ion	Ratio	Lower	Upper
112	100		
64	61.7	49.1	73.7
63	32.6	26.3	39.5



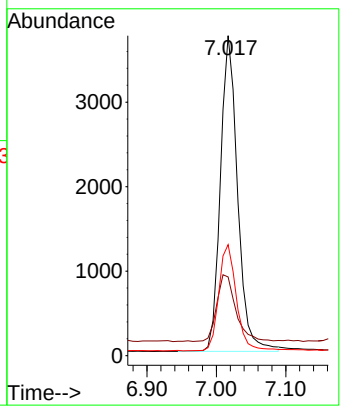


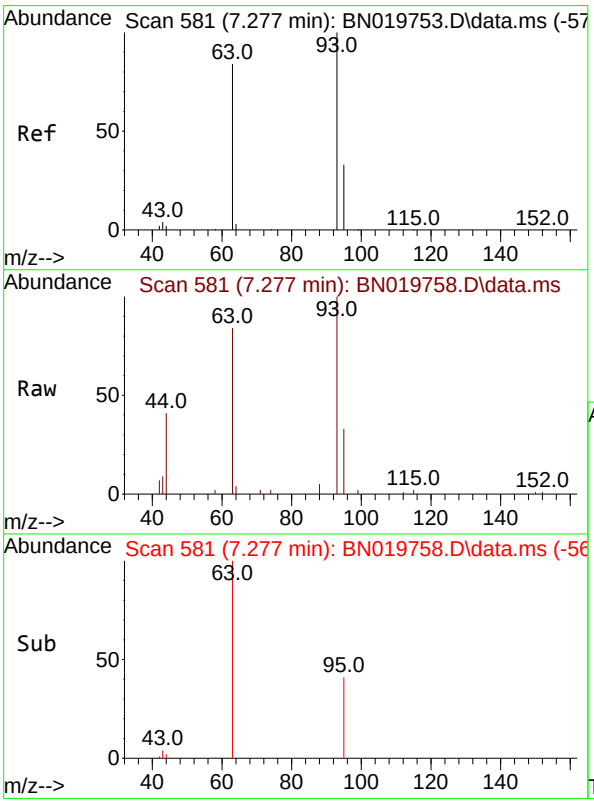
#5
Phenol-d6
Concen: 0.383 ng
RT: 7.017 min Scan# 54
Delta R.T. -0.007 min
Lab File: BN019758.D
Acq: 12 May 2022 20:13

Instrument :
BNA_N
ClientSampleId :
ICVBN051322

Tgt Ion: 99 Resp: 6429

Ion	Ratio	Lower	Upper
99	100		
42	23.4	19.3	28.9
71	34.6	27.5	41.3

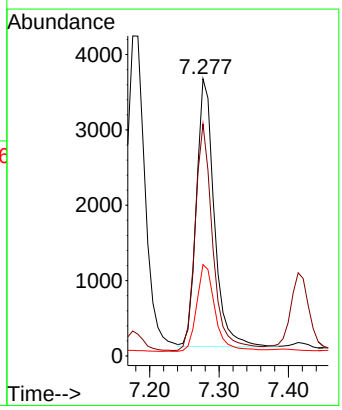


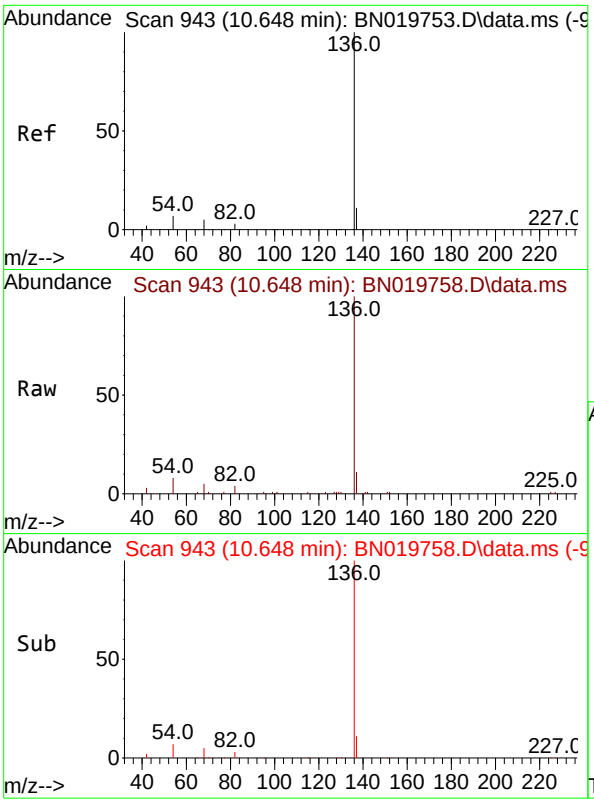


#6
bis(2-Chloroethyl)ether
Concen: 0.388 ng
RT: 7.277 min Scan# 581
Delta R.T. -0.007 min
Lab File: BN019758.D
Acq: 12 May 2022 20:13

Tgt Ion: 93 Resp: 6354

Ion	Ratio	Lower	Upper
93	100		
63	84.0	67.4	101.0
95	33.2	26.5	39.7



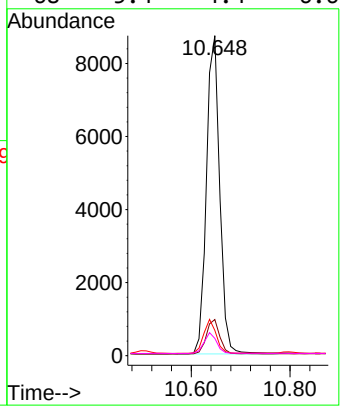


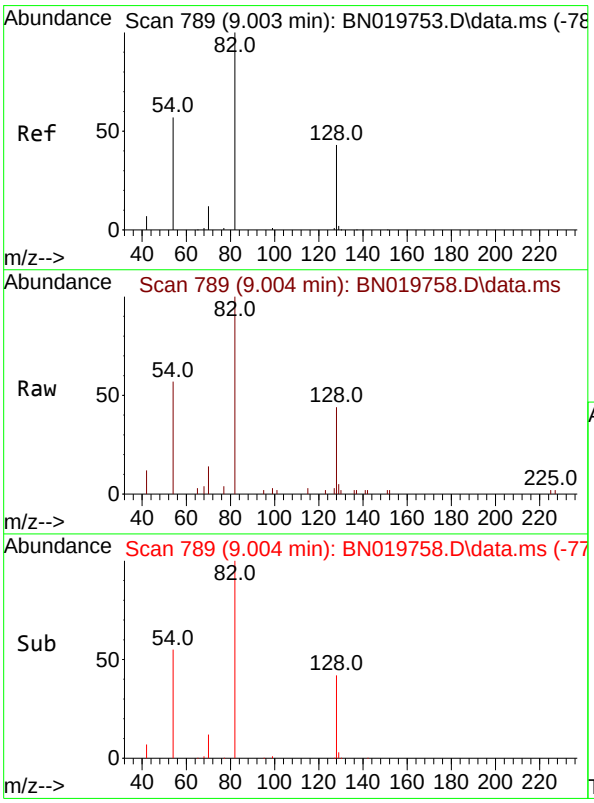
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.648 min Scan# 94
Delta R.T. 0.000 min
Lab File: BN019758.D
Acq: 12 May 2022 20:13

Instrument :
BNA_N
ClientSampleId :
ICVBN051322

Tgt Ion:136 Resp: 16243

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.0	13.6
54	7.9	6.2	9.2
68	5.4	4.4	6.6

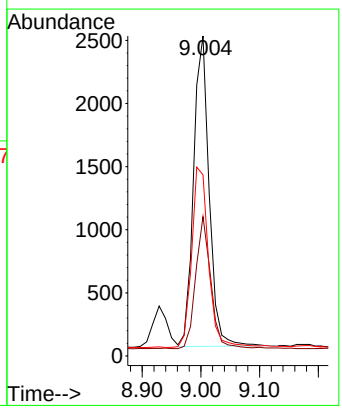


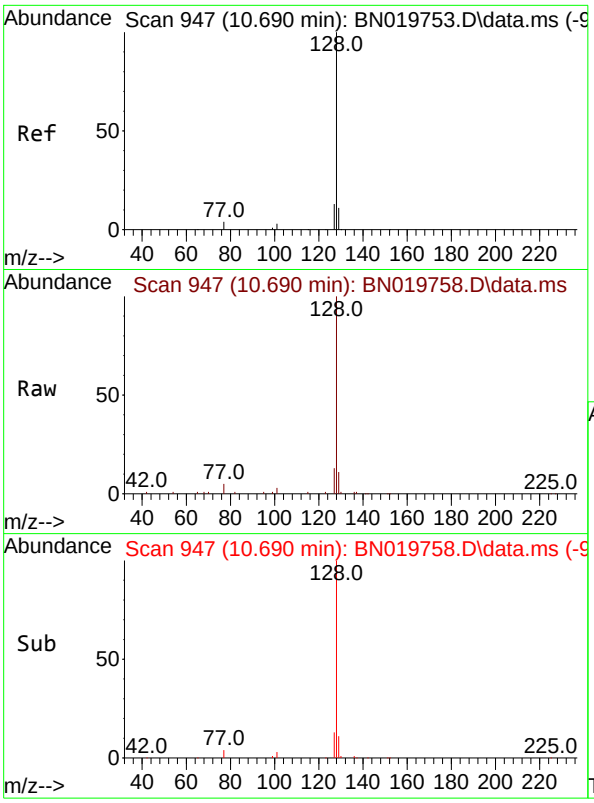


#8
Nitrobenzene-d5
Concen: 0.370 ng
RT: 9.004 min Scan# 789
Delta R.T. 0.000 min
Lab File: BN019758.D
Acq: 12 May 2022 20:13

Tgt Ion: 82 Resp: 4543

Ion	Ratio	Lower	Upper
82	100		
128	43.6	35.0	52.6
54	56.6	46.2	69.4



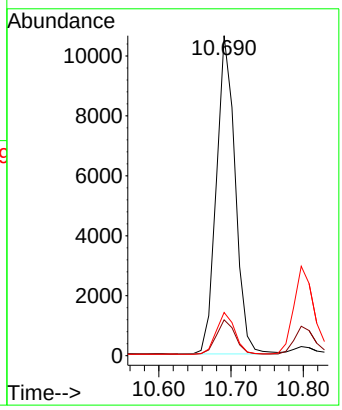


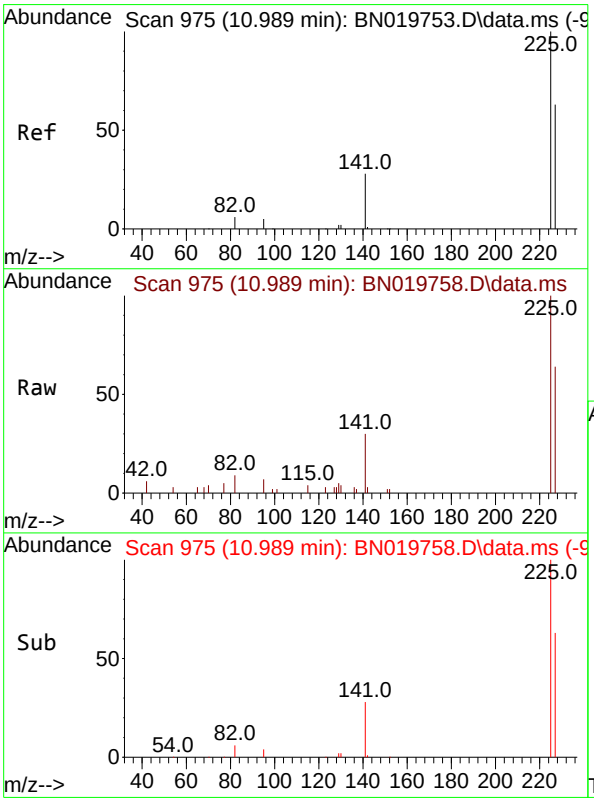
#9
Naphthalene
Concen: 0.388 ng
RT: 10.690 min Scan# 94
Delta R.T. -0.011 min
Lab File: BN019758.D
Acq: 12 May 2022 20:13

Instrument :
BNA_N
ClientSampleId :
ICVBN051322

Tgt Ion:128 Resp: 19146

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

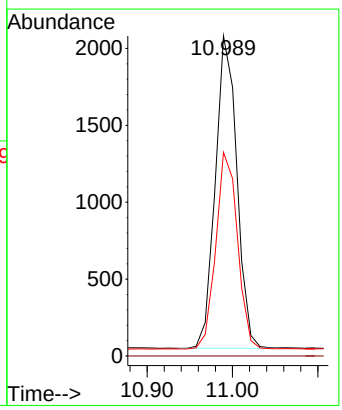


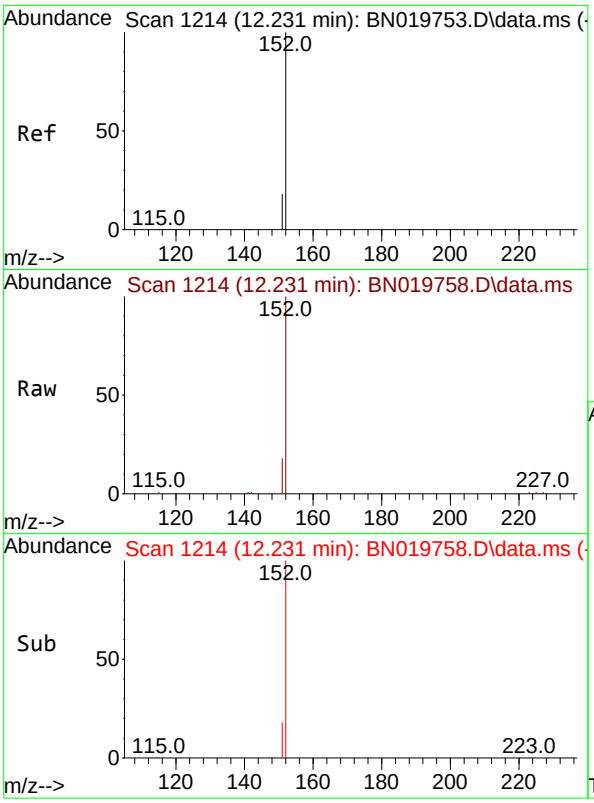


#10
Hexachlorobutadiene
Concen: 0.397 ng
RT: 10.989 min Scan# 975
Delta R.T. -0.011 min
Lab File: BN019758.D
Acq: 12 May 2022 20:13

Tgt Ion:225 Resp: 3558

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.2	50.9	76.3



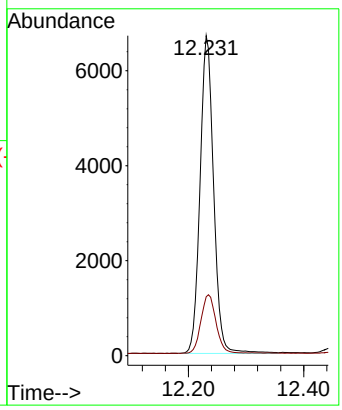


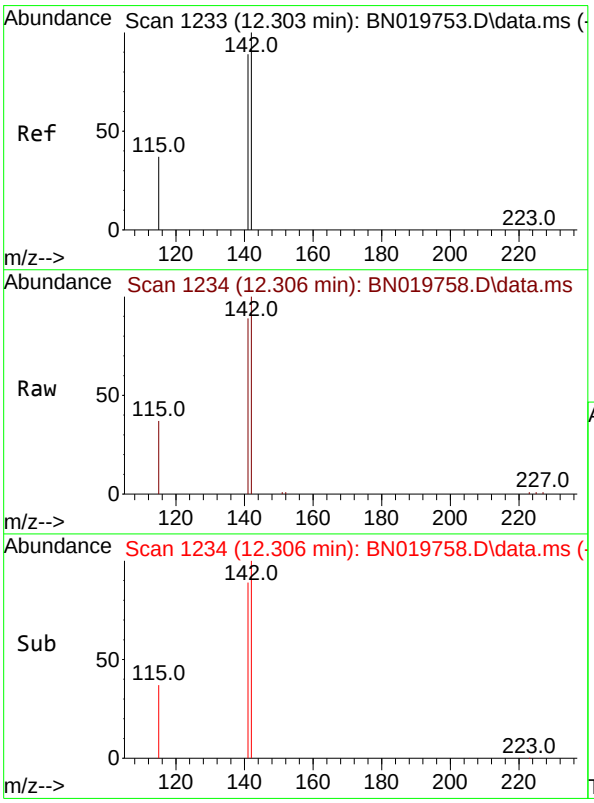
#11
2-Methylnaphthalene-d10
Concen: 0.386 ng
RT: 12.231 min Scan# 1
Delta R.T. -0.004 min
Lab File: BN019758.D
Acq: 12 May 2022 20:13

Instrument :
BNA_N
ClientSampleId :
ICVBN051322

Tgt Ion:152 Resp: 10909

Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.2	24.4

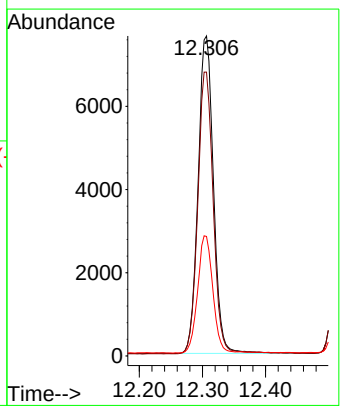


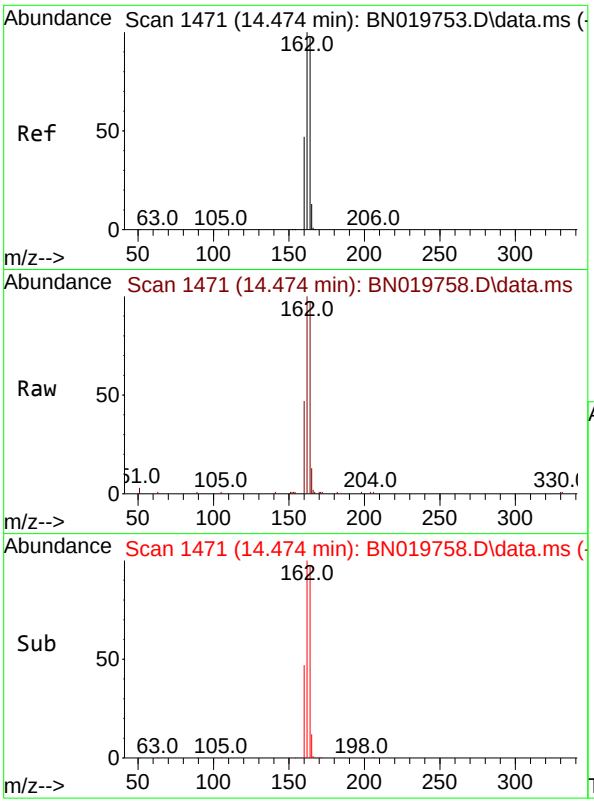


#12
2-Methylnaphthalene
Concen: 0.384 ng
RT: 12.306 min Scan# 1234
Delta R.T. -0.004 min
Lab File: BN019758.D
Acq: 12 May 2022 20:13

Tgt Ion:142 Resp: 12916

Ion	Ratio	Lower	Upper
142	100		
141	88.7	71.6	107.4
115	37.4	29.8	44.8



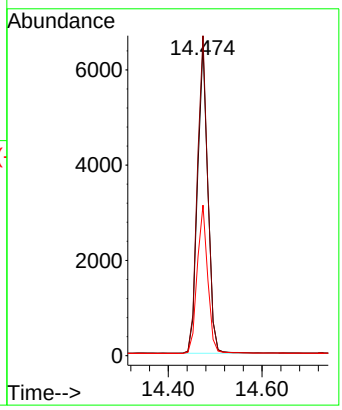


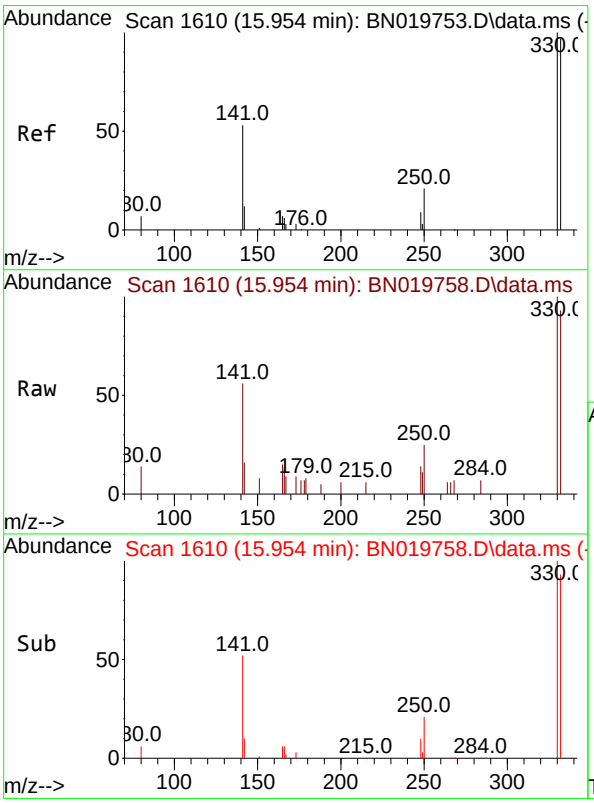
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.474 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN019758.D
Acq: 12 May 2022 20:13

Instrument :
BNA_N
ClientSampleId :
ICVBN051322

Tgt Ion:164 Resp: 9926

Ion	Ratio	Lower	Upper
164	100		
162	103.2	82.1	123.1
160	48.5	38.6	58.0

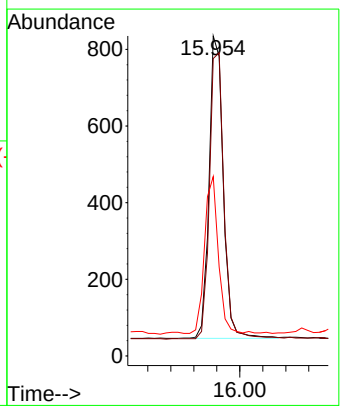


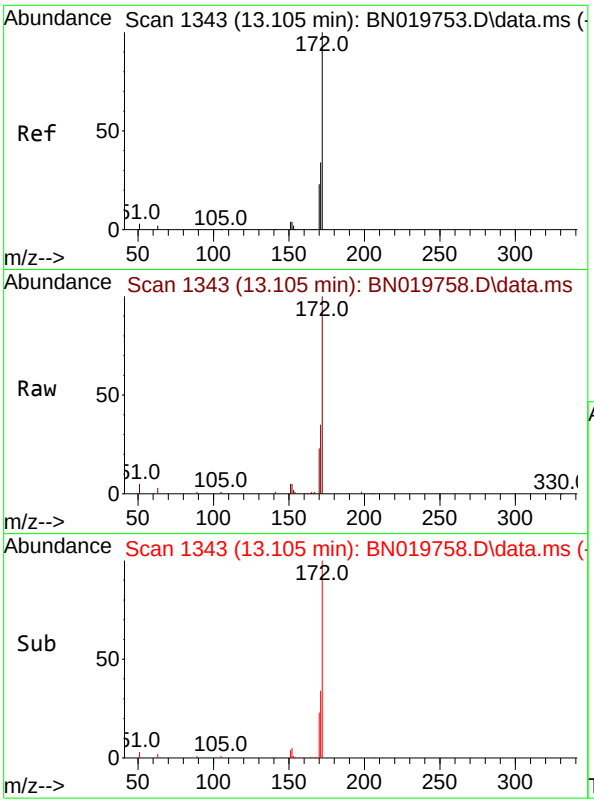


#14
2,4,6-Tribromophenol
Concen: 0.345 ng
RT: 15.954 min Scan# 1610
Delta R.T. -0.010 min
Lab File: BN019758.D
Acq: 12 May 2022 20:13

Tgt Ion:330 Resp: 1355

Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.6	116.4
141	50.6	41.0	61.4



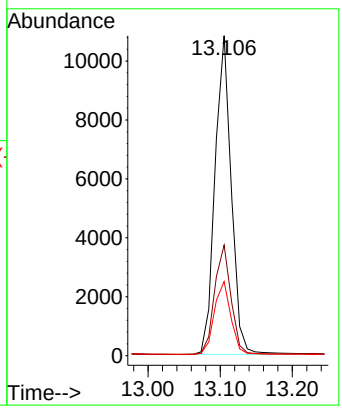


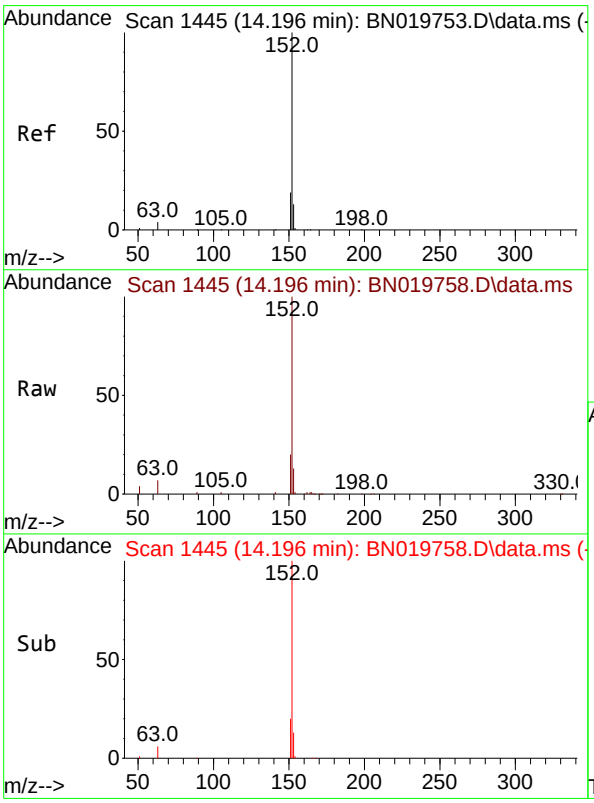
#15
2-Fluorobiphenyl
Concen: 0.390 ng
RT: 13.105 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN019758.D
Acq: 12 May 2022 20:13

Instrument :
BNA_N
ClientSampleId :
ICVBN051322

Tgt Ion:172 Resp: 16917

Ion	Ratio	Lower	Upper
172	100		
171	34.5	27.2	40.8
170	23.2	18.2	27.4

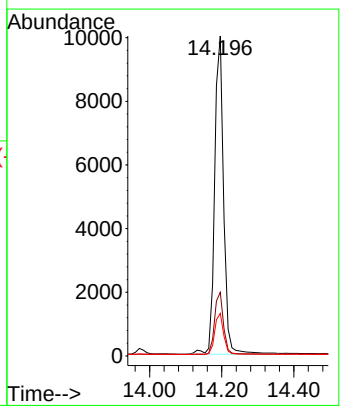


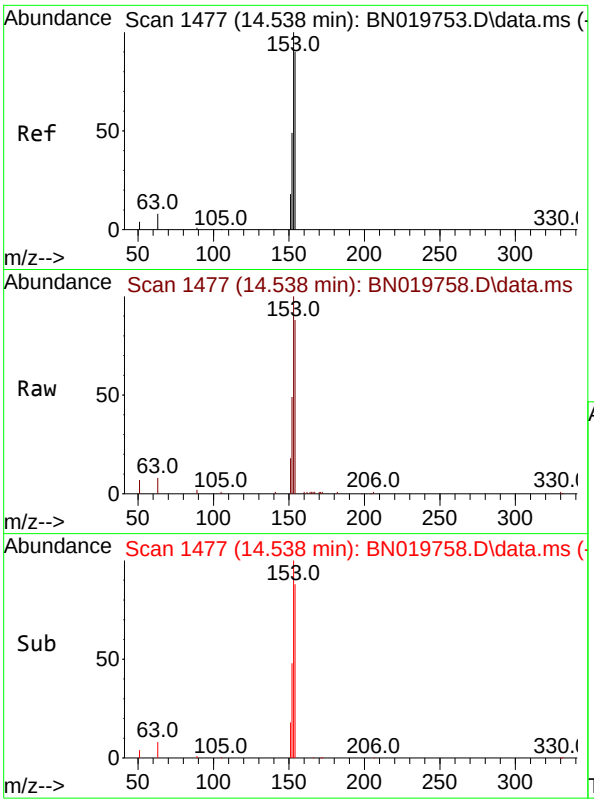


#16
Acenaphthylene
Concen: 0.371 ng
RT: 14.196 min Scan# 1445
Delta R.T. 0.000 min
Lab File: BN019758.D
Acq: 12 May 2022 20:13

Tgt Ion:152 Resp: 17296

Ion	Ratio	Lower	Upper
152	100		
151	19.2	16.2	24.4
153	13.0	10.7	16.1



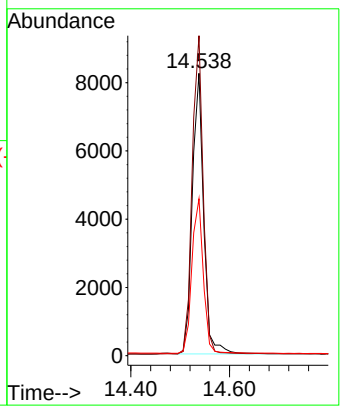


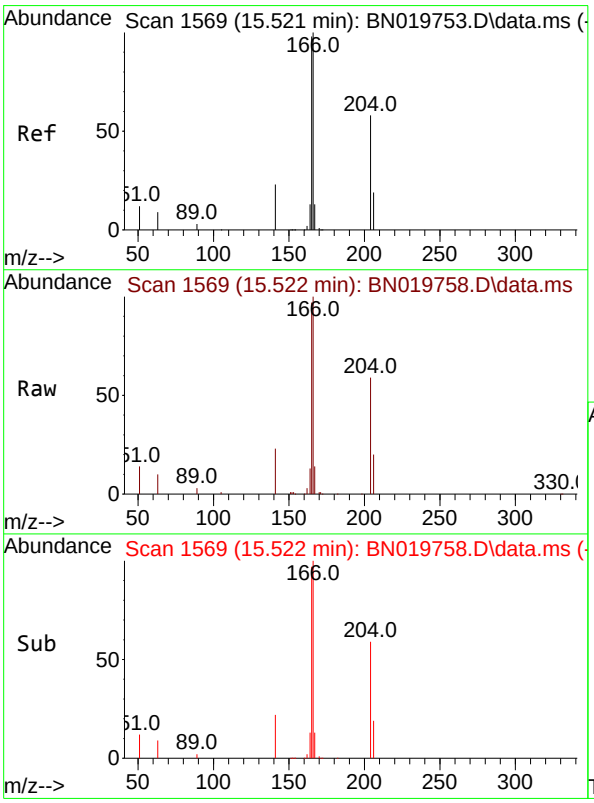
#17
Acenaphthene
Concen: 0.381 ng
RT: 14.538 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN019758.D
Acq: 12 May 2022 20:13

Instrument :
BNA_N
ClientSampleId :
ICVBN051322

Tgt Ion:154 Resp: 13106

Ion	Ratio	Lower	Upper
154	100		
153	110.4	87.5	131.3
152	55.1	43.8	65.6

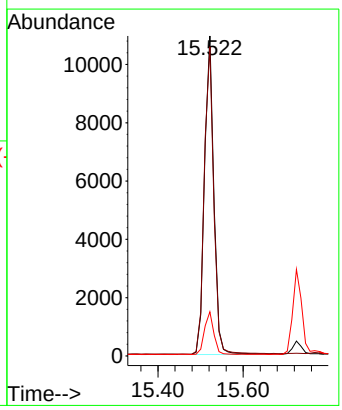


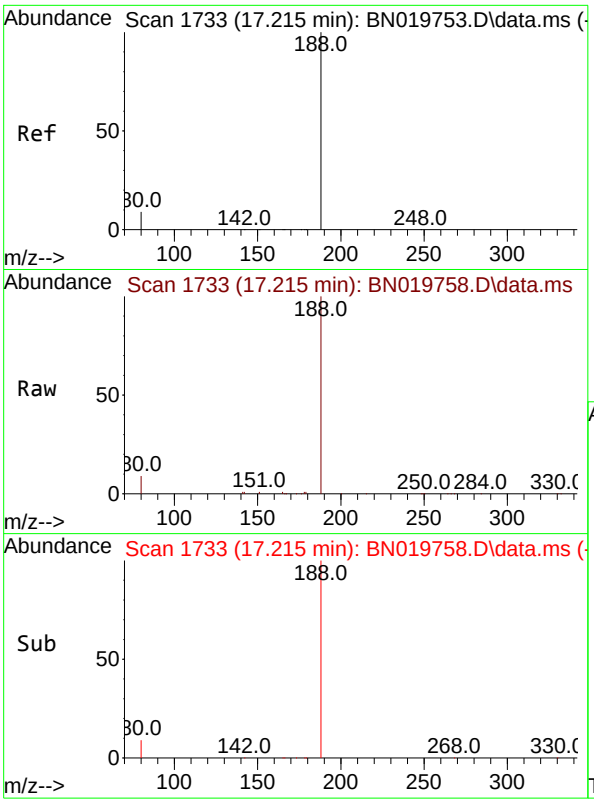


#18
Fluorene
Concen: 0.382 ng
RT: 15.522 min Scan# 1569
Delta R.T. 0.000 min
Lab File: BN019758.D
Acq: 12 May 2022 20:13

Tgt Ion:166 Resp: 16617

Ion	Ratio	Lower	Upper
166	100		
165	98.2	78.6	118.0
167	13.5	10.8	16.2



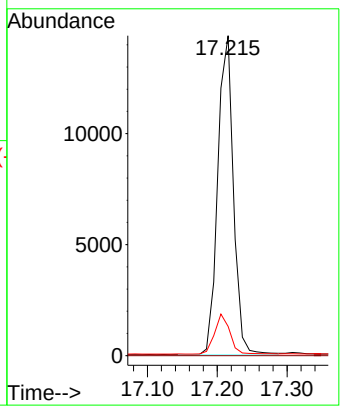


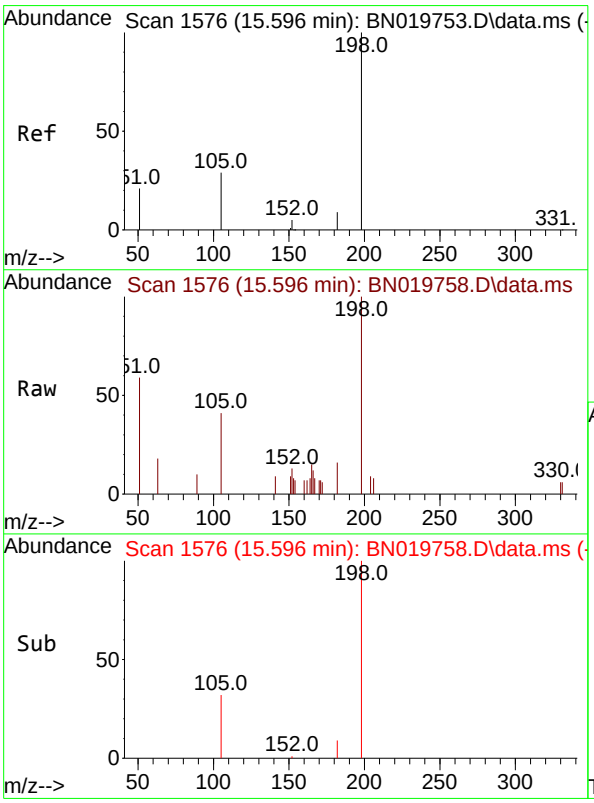
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.215 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN019758.D
Acq: 12 May 2022 20:13

Instrument :
BNA_N
ClientSampleId :
ICVBN051322

Tgt Ion:188 Resp: 22416

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.2	7.4	11.2

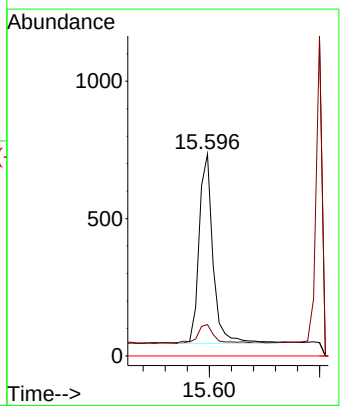


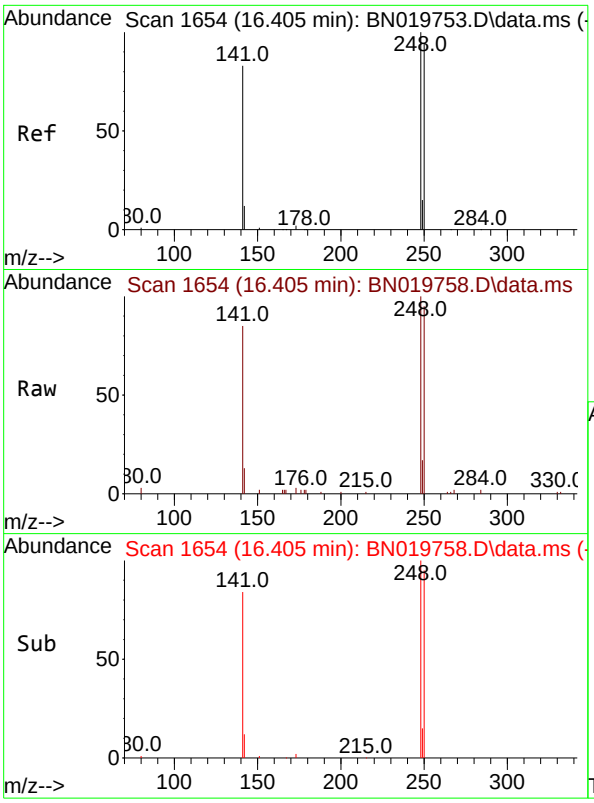


#20
4,6-Dinitro-2-methylphenol
Concen: 0.375 ng
RT: 15.596 min Scan# 1576
Delta R.T. 0.000 min
Lab File: BN019758.D
Acq: 12 May 2022 20:13

Tgt Ion:198 Resp: 1205

Ion	Ratio	Lower	Upper
198	100		
182	15.5	12.1	18.1
77	0.0	0.0	0.0



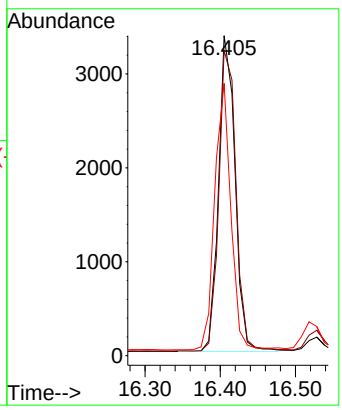


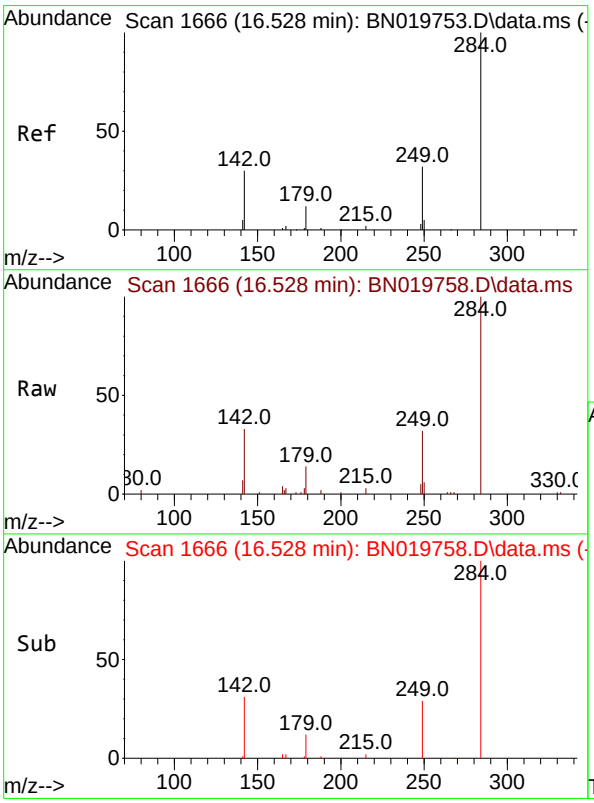
#21
4-Bromophenyl-phenylether
Concen: 0.374 ng
RT: 16.405 min Scan# 1
Delta R.T. -0.010 min
Lab File: BN019758.D
Acq: 12 May 2022 20:13

Instrument :
BNA_N
ClientSampleId :
ICVBN051322

Tgt Ion:248 Resp: 5125

Ion	Ratio	Lower	Upper
248	100		
250	95.4	75.3	112.9
141	85.1	67.3	100.9

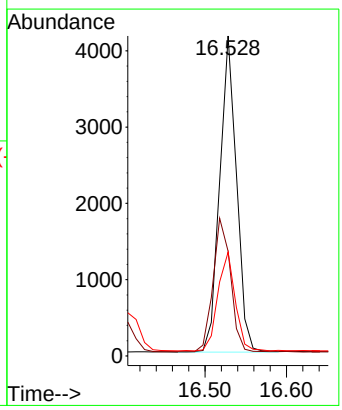


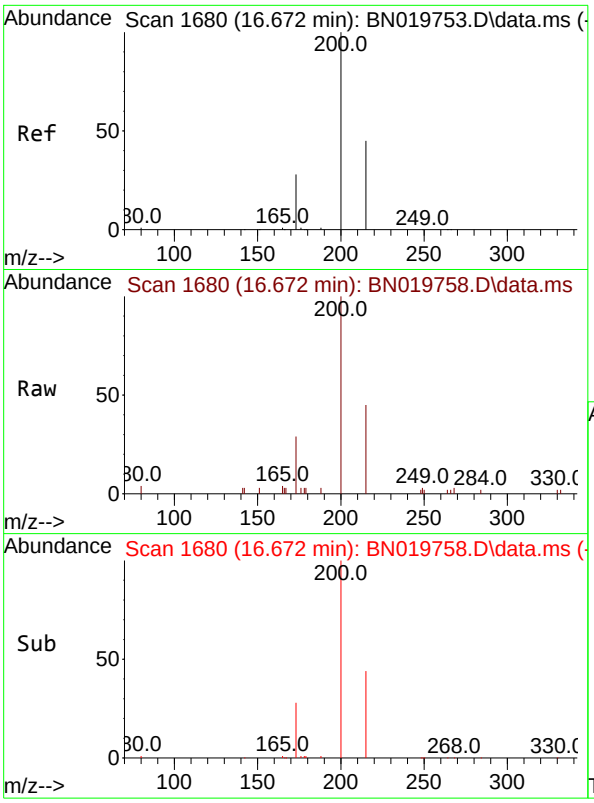


#22
Hexachlorobenzene
Concen: 0.391 ng
RT: 16.528 min Scan# 1666
Delta R.T. 0.000 min
Lab File: BN019758.D
Acq: 12 May 2022 20:13

Tgt Ion:284 Resp: 5944

Ion	Ratio	Lower	Upper
284	100		
142	43.6	35.2	52.8
249	32.0	26.6	40.0



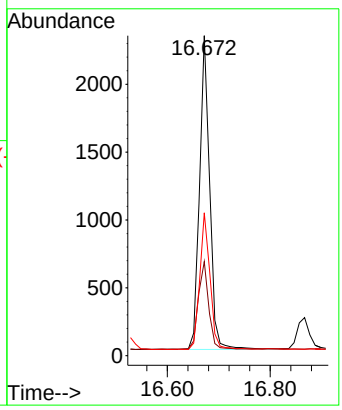


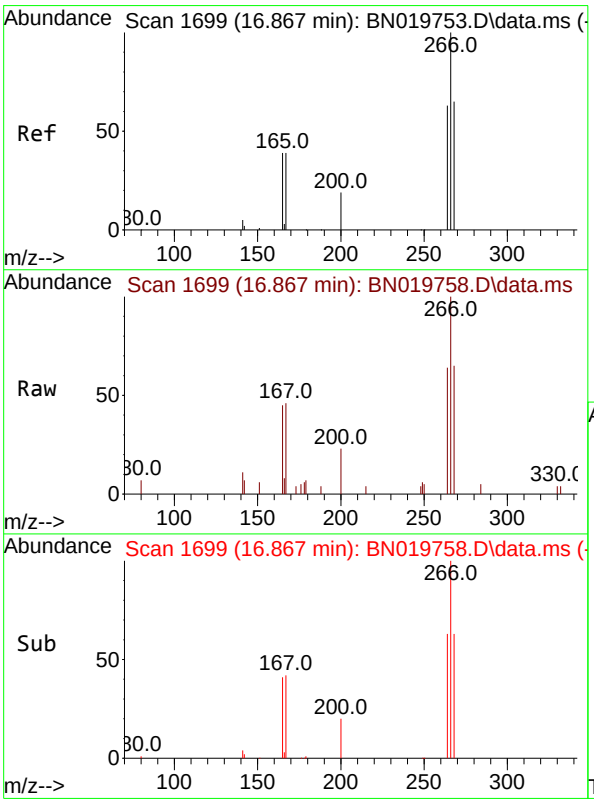
#23
Atrazine
Concen: 0.354 ng
RT: 16.672 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN019758.D
Acq: 12 May 2022 20:13

Instrument :
BNA_N
ClientSampleId :
ICVBN051322

Tgt Ion:200 Resp: 3162

Ion	Ratio	Lower	Upper
200	100		
173	29.4	23.6	35.4
215	44.7	36.6	54.8

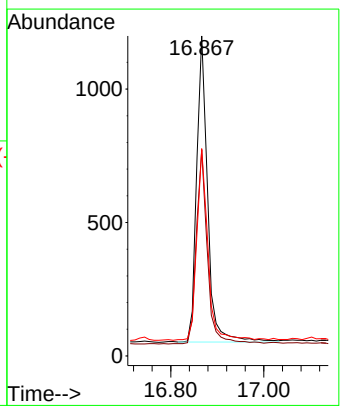


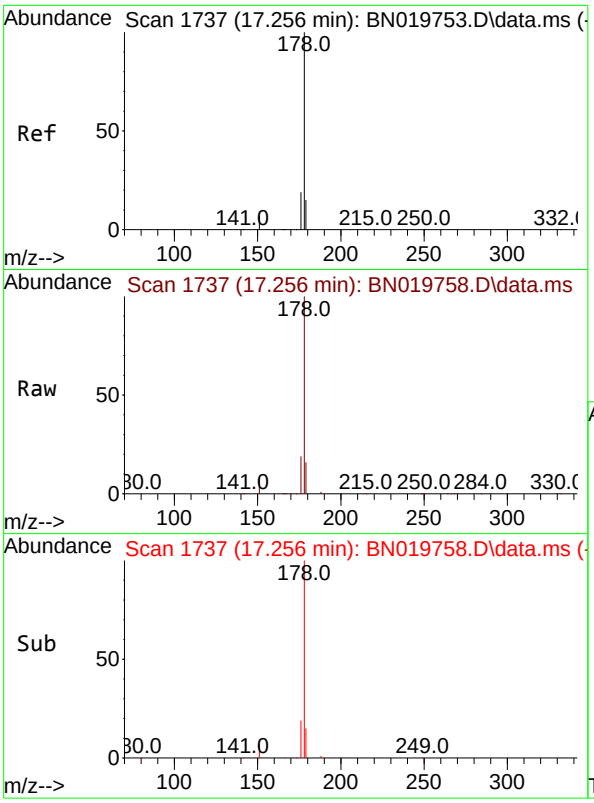


#24
Pentachlorophenol
Concen: 0.323 ng
RT: 16.867 min Scan# 1699
Delta R.T. -0.000 min
Lab File: BN019758.D
Acq: 12 May 2022 20:13

Tgt Ion:266 Resp: 1895

Ion	Ratio	Lower	Upper
266	100		
264	63.4	51.3	76.9
268	62.8	52.6	79.0



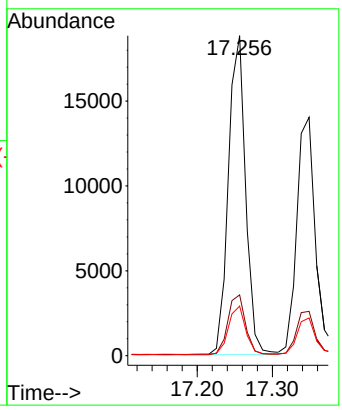


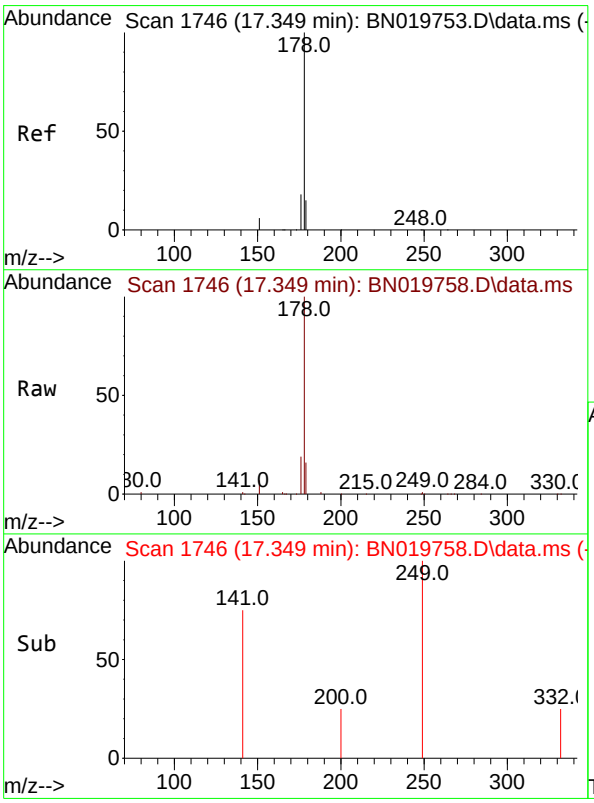
#25
Phenanthrene
Concen: 0.385 ng
RT: 17.256 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN019758.D
Acq: 12 May 2022 20:13

Instrument :
BNA_N
ClientSampleId :
ICVBN051322

Tgt Ion:178 Resp: 29871

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.3	22.9
179	15.2	12.2	18.4

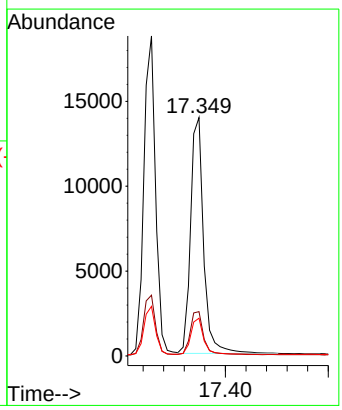


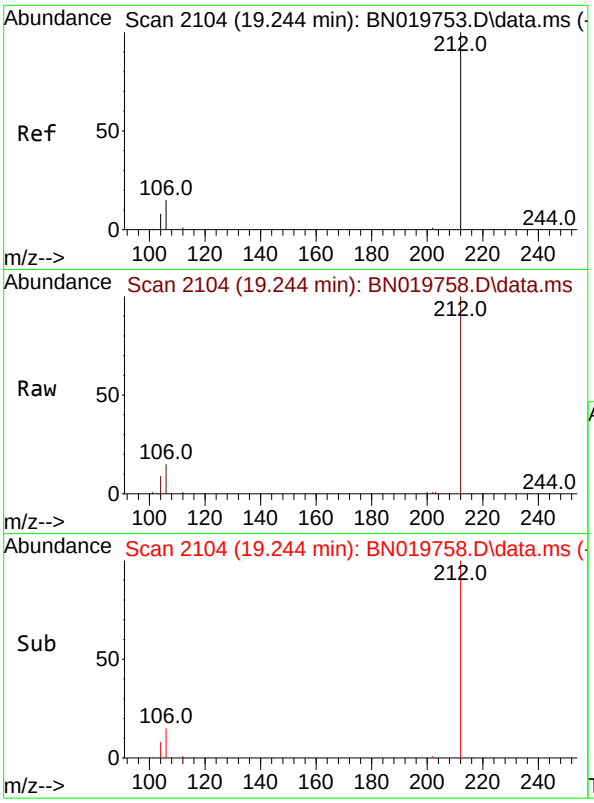


#26
Anthracene
Concen: 0.372 ng
RT: 17.349 min Scan# 1746
Delta R.T. 0.000 min
Lab File: BN019758.D
Acq: 12 May 2022 20:13

Tgt Ion:178 Resp: 24409

Ion	Ratio	Lower	Upper
178	100		
176	18.6	14.9	22.3
179	14.8	12.2	18.4



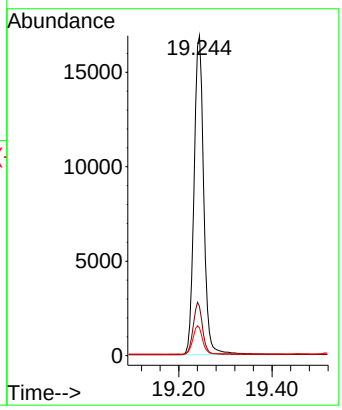


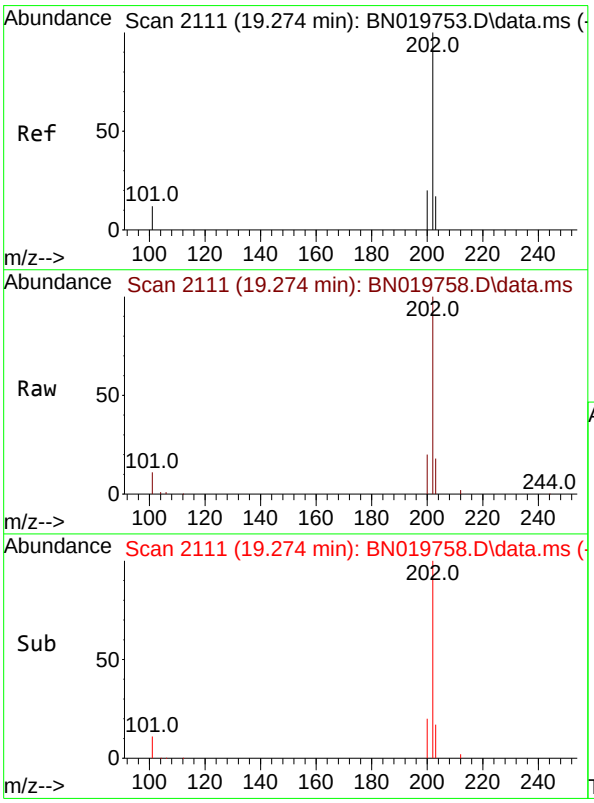
#27
Fluoranthene-d10
Concen: 0.383 ng
RT: 19.244 min Scan# 21
Delta R.T. -0.004 min
Lab File: BN019758.D
Acq: 12 May 2022 20:13

Instrument :
BNA_N
ClientSampleId :
ICVBN051322

Tgt Ion:212 Resp: 24418

Ion	Ratio	Lower	Upper
212	100		
106	15.9	12.6	19.0
104	8.7	7.2	10.8

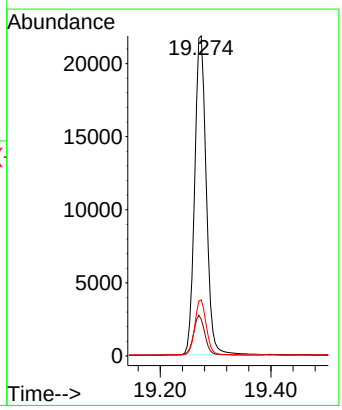


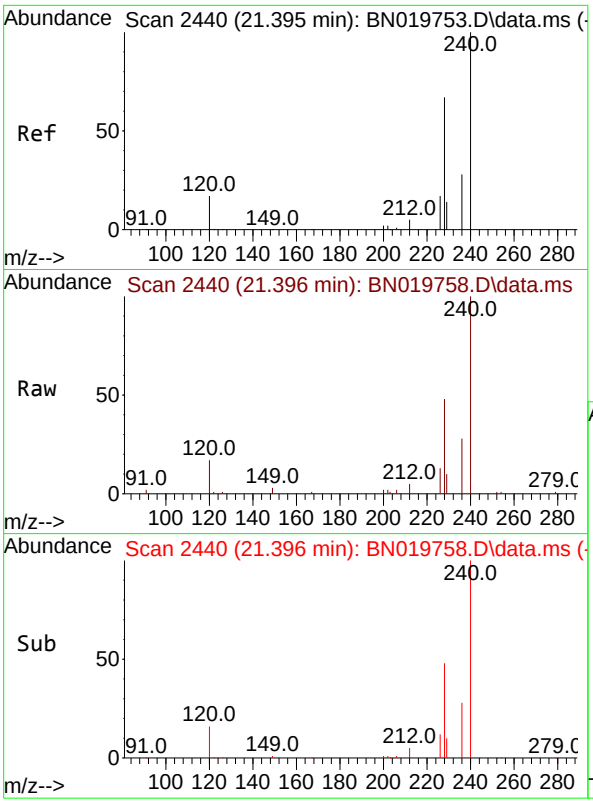


#28
Fluoranthene
Concen: 0.382 ng
RT: 19.274 min Scan# 2111
Delta R.T. -0.004 min
Lab File: BN019758.D
Acq: 12 May 2022 20:13

Tgt Ion:202 Resp: 31779

Ion	Ratio	Lower	Upper
202	100		
101	12.5	9.6	14.4
203	17.0	13.5	20.3



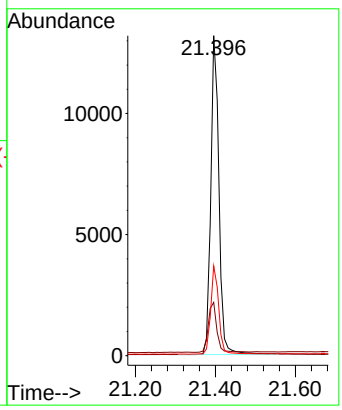


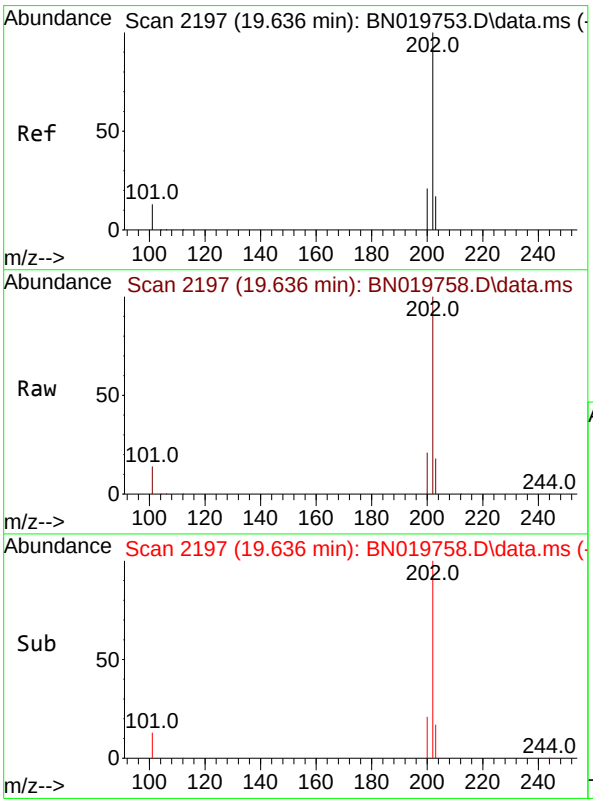
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.396 min Scan# 24
Delta R.T. -0.009 min
Lab File: BN019758.D
Acq: 12 May 2022 20:13

Instrument :
BNA_N
ClientSampleId :
ICVBN051322

Tgt Ion:240 Resp: 18698

Ion	Ratio	Lower	Upper
240	100		
120	16.7	14.6	21.8
236	28.1	22.6	33.8

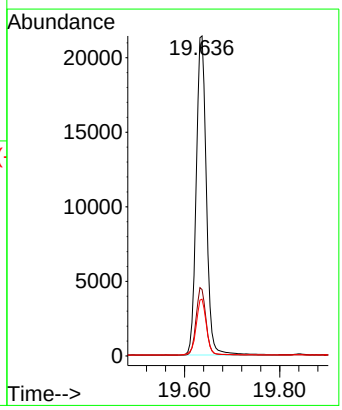


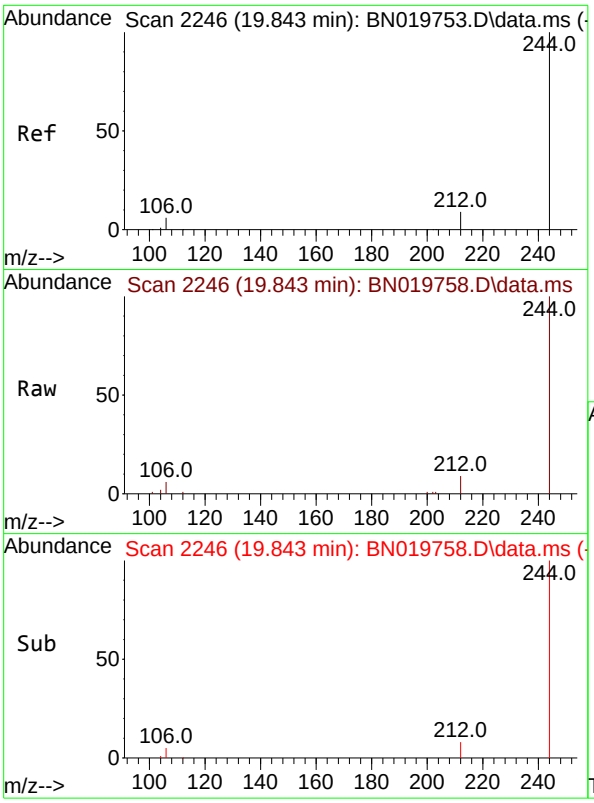


#30
Pyrene
Concen: 0.401 ng
RT: 19.636 min Scan# 2197
Delta R.T. -0.004 min
Lab File: BN019758.D
Acq: 12 May 2022 20:13

Tgt Ion:202 Resp: 31765

Ion	Ratio	Lower	Upper
202	100		
200	20.7	16.6	25.0
203	17.7	14.2	21.2



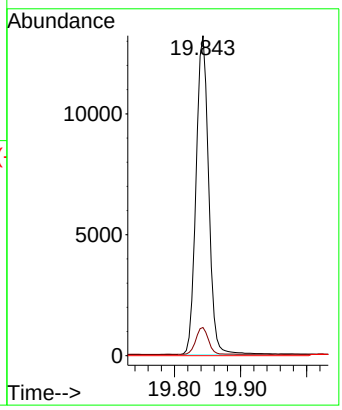


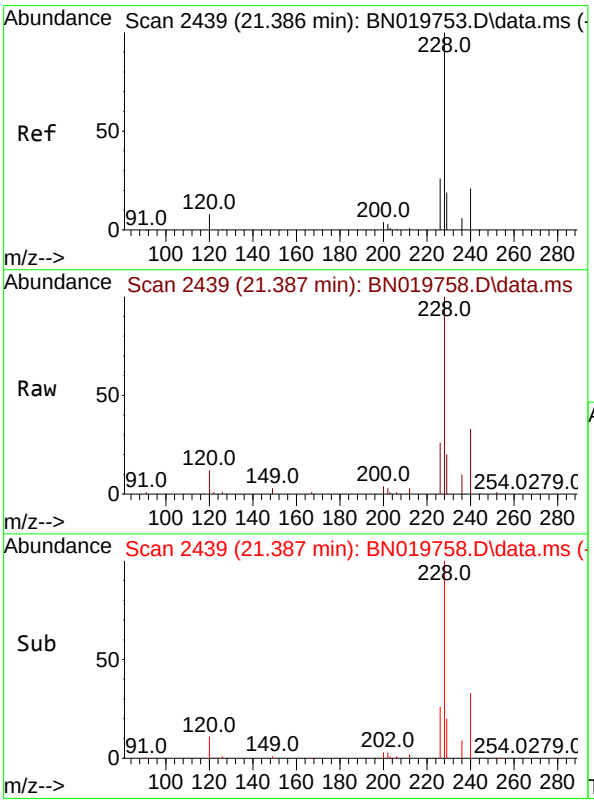
#31
Terphenyl-d14
Concen: 0.396 ng
RT: 19.843 min Scan# 2
Delta R.T. -0.004 min
Lab File: BN019758.D
Acq: 12 May 2022 20:13

Instrument :
BNA_N
ClientSampleId :
ICVBN051322

Tgt Ion:244 Resp: 17478

Ion	Ratio	Lower	Upper
244	100		
212	8.8	7.1	10.7
122	0.0	0.0	0.0

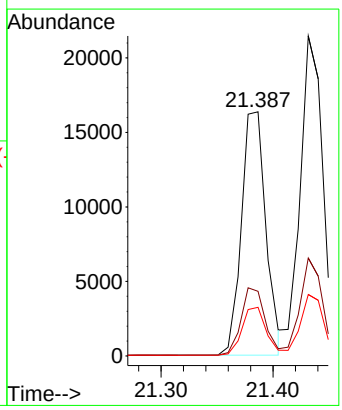


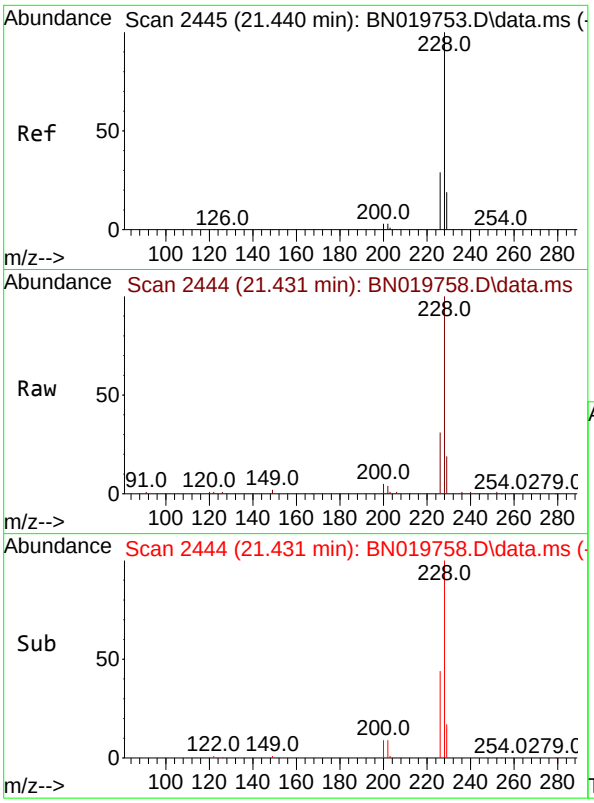


#32
Benzo(a)anthracene
Concen: 0.366 ng
RT: 21.387 min Scan# 2439
Delta R.T. 0.000 min
Lab File: BN019758.D
Acq: 12 May 2022 20:13

Tgt Ion:228 Resp: 24915

Ion	Ratio	Lower	Upper
228	100		
226	26.5	21.2	31.8
229	19.9	15.6	23.4



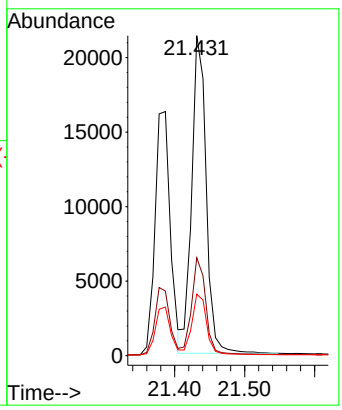


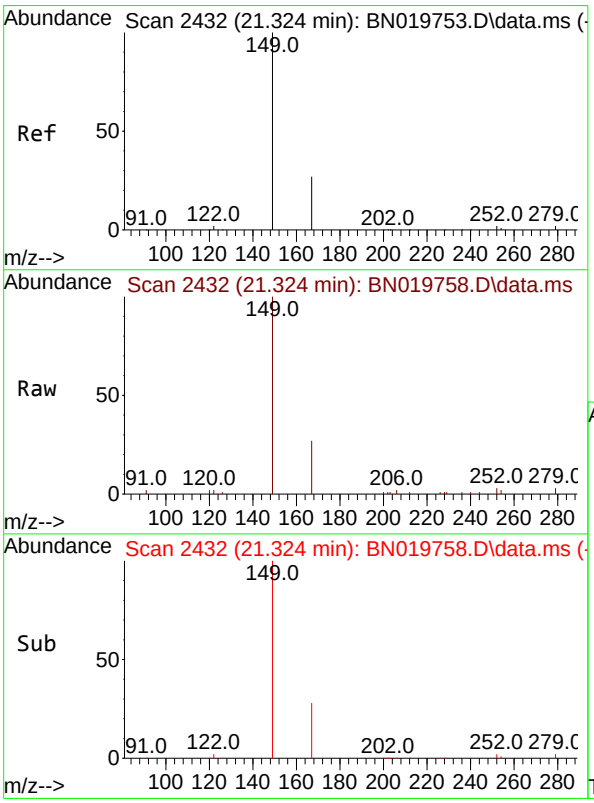
#33
Chrysene
Concen: 0.402 ng
RT: 21.431 min Scan# 24
Delta R.T. -0.009 min
Lab File: BN019758.D
Acq: 12 May 2022 20:13

Instrument :
BNA_N
ClientSampleId :
ICVBN051322

Tgt Ion:228 Resp: 30689

Ion	Ratio	Lower	Upper
228	100		
226	30.6	23.4	35.0
229	19.2	15.7	23.5

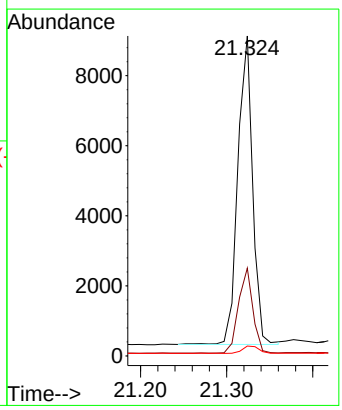


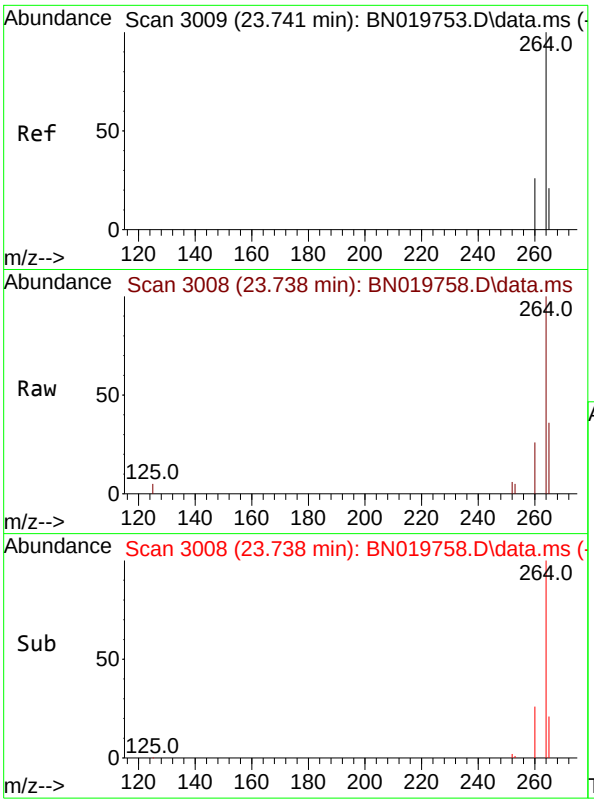


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.371 ng
RT: 21.324 min Scan# 2432
Delta R.T. 0.000 min
Lab File: BN019758.D
Acq: 12 May 2022 20:13

Tgt Ion:149 Resp: 10531

Ion	Ratio	Lower	Upper
149	100		
167	26.7	21.7	32.5
279	2.8	2.2	3.2



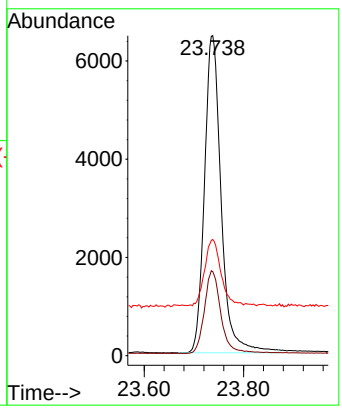


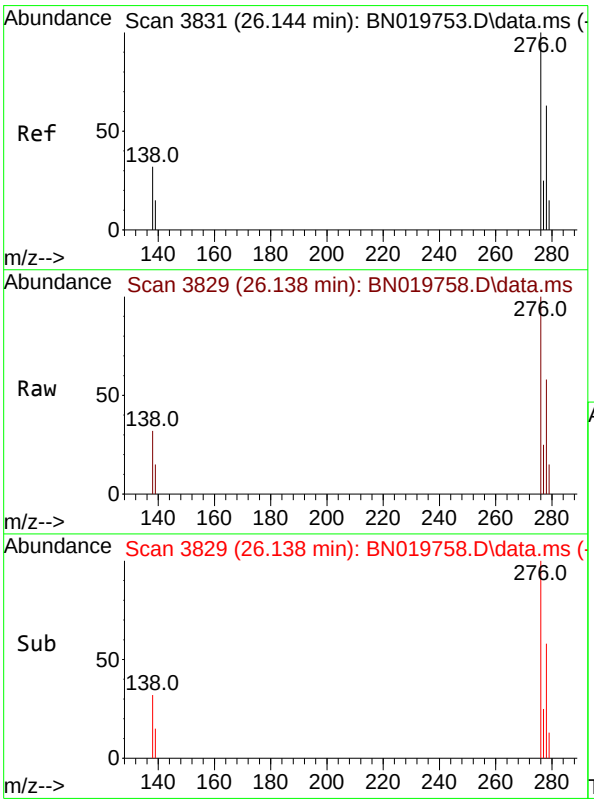
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.738 min Scan# 3
Delta R.T. -0.003 min
Lab File: BN019758.D
Acq: 12 May 2022 20:13

Instrument :
BNA_N
ClientSampleId :
ICVBN051322

Tgt Ion:264 Resp: 15073

Ion	Ratio	Lower	Upper
264	100		
260	26.3	20.9	31.3
265	36.3	28.0	42.0

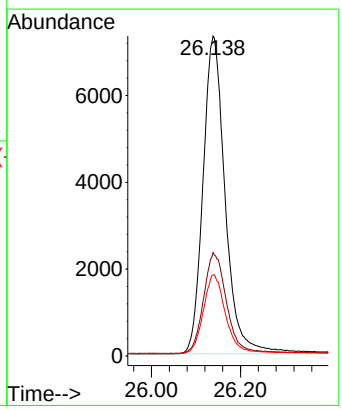


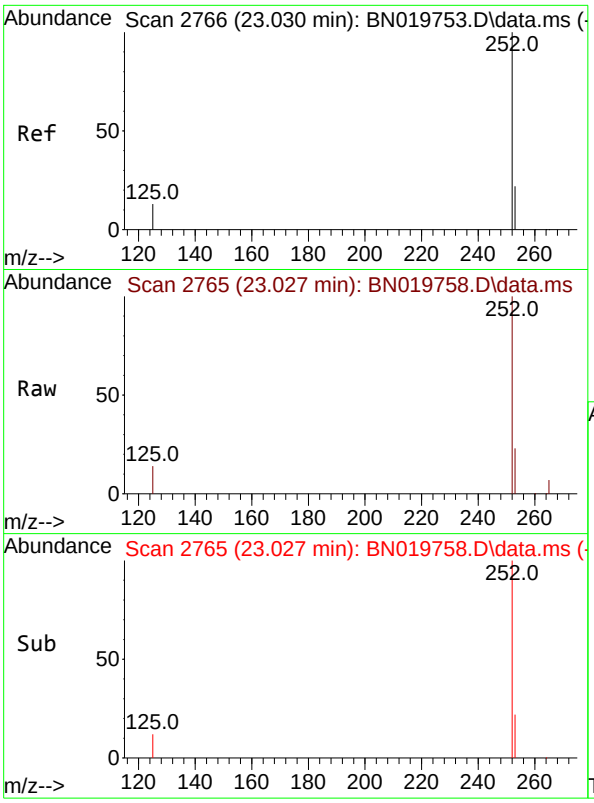


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.356 ng
RT: 26.138 min Scan# 3829
Delta R.T. -0.015 min
Lab File: BN019758.D
Acq: 12 May 2022 20:13

Tgt Ion:276 Resp: 25155

Ion	Ratio	Lower	Upper
276	100		
138	32.6	25.9	38.9
277	24.8	19.8	29.8



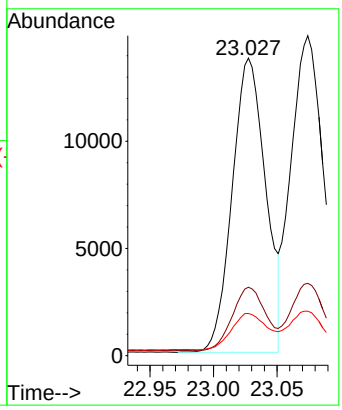


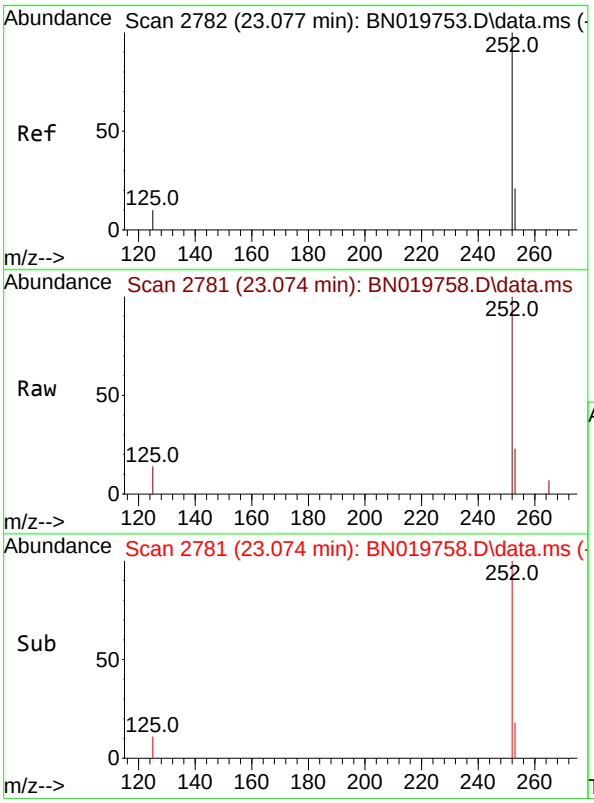
#37
Benzo(b)fluoranthene
Concen: 0.382 ng
RT: 23.027 min Scan# 2
Delta R.T. -0.009 min
Lab File: BN019758.D
Acq: 12 May 2022 20:13

Instrument :
BNA_N
ClientSampleId :
ICVBN051322

Tgt Ion:252 Resp: 25124

Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.5	27.7
125	14.2	11.4	17.0

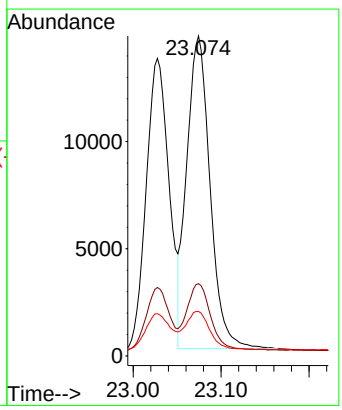


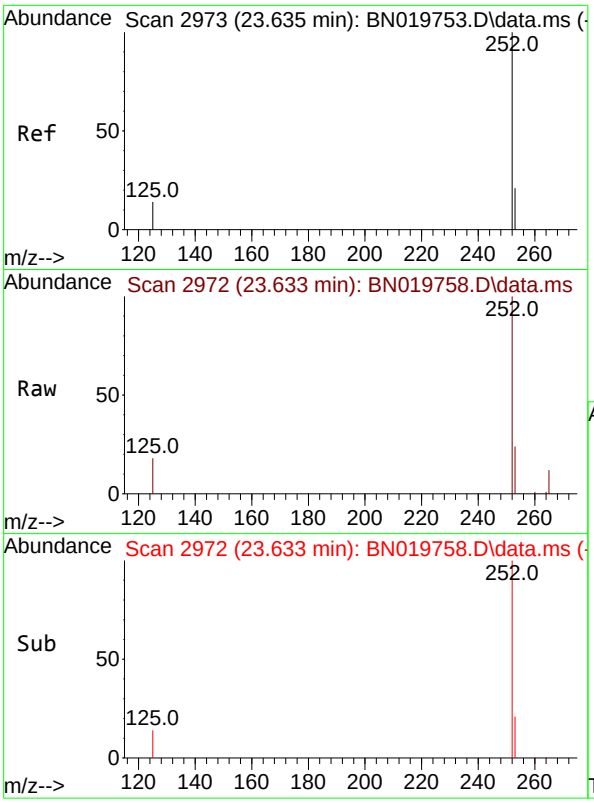


#38
Benzo(k)fluoranthene
Concen: 0.385 ng
RT: 23.074 min Scan# 2781
Delta R.T. -0.006 min
Lab File: BN019758.D
Acq: 12 May 2022 20:13

Tgt Ion:252 Resp: 26874

Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.0	27.0
125	13.9	11.0	16.4



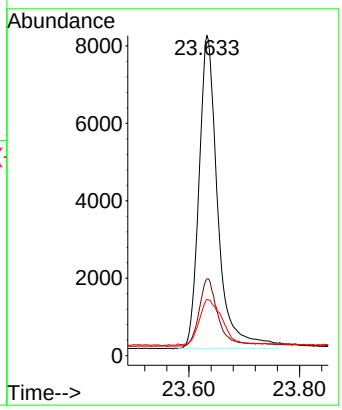


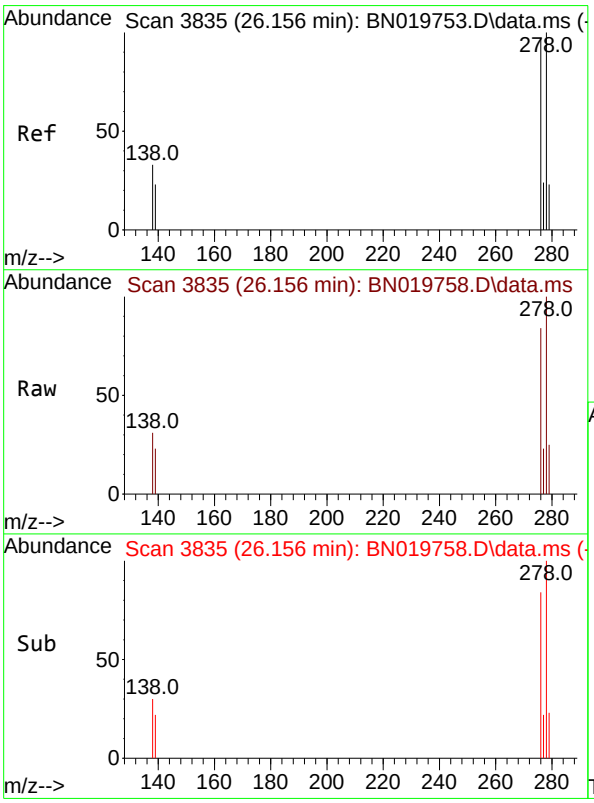
#39
Benzo(a)pyrene
Concen: 0.367 ng
RT: 23.633 min Scan# 2
Delta R.T. -0.009 min
Lab File: BN019758.D
Acq: 12 May 2022 20:13

Instrument :
BNA_N
ClientSampleId :
ICVBN051322

Tgt Ion:252 Resp: 19023

Ion	Ratio	Lower	Upper
252	100		
253	24.0	19.0	28.4
125	17.6	13.8	20.8

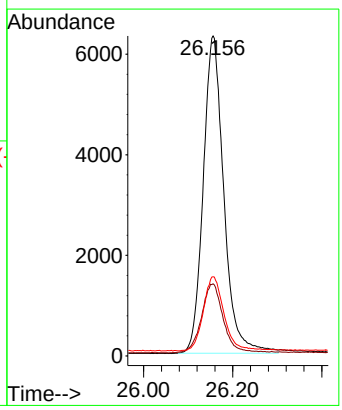


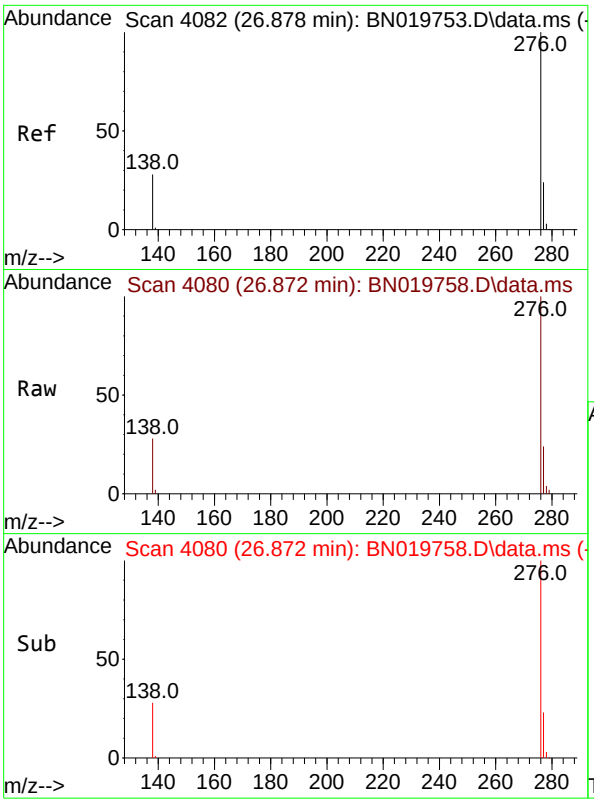


#40
Dibenzo(a,h)anthracene
Concen: 0.356 ng
RT: 26.156 min Scan# 3835
Delta R.T. -0.015 min
Lab File: BN019758.D
Acq: 12 May 2022 20:13

Tgt Ion:278 Resp: 20281

Ion	Ratio	Lower	Upper
278	100		
139	22.5	18.6	28.0
279	24.8	19.7	29.5





#41
Benzo(g,h,i)perylene
Concen: 0.352 ng
RT: 26.872 min Scan# 4
Delta R.T. -0.015 min
Lab File: BN019758.D
Acq: 12 May 2022 20:13

Instrument :
BNA_N
ClientSampleId :
ICVBN051322

Tgt Ion:276 Resp: 20588

Ion	Ratio	Lower	Upper
276	100		
277	23.7	19.5	29.3
138	28.3	22.6	34.0