Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051322\
Data File : BN019751.D
Acq On : 12 May 2022 16:01
Operator : CG/JU
Sample : SSTDICC0.1
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Quant Time: May 13 02:21:37 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 02:18:00 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.854	152	4176	0.400	ng		0.00
7) Naphthalene-d8	10.648	136	12470	0.400	ng		0.00
13) Acenaphthene-d10	14.474	164	7519	0.400	ng		0.00
19) Phenanthrene-d10	17.215	188	17636	0.400	ng		0.00
29) Chrysene-d12	21.404	240	14195	0.400	ng	#	0.00
35) Perylene-d12	23.741	264	11753	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.442	112	1134	0.120	ng		0.00
5) Phenol-d6	7.017	99	1334	0.112	ng		0.00
8) Nitrobenzene-d5	9.003	82	931	0.089	ng		0.00
11) 2-Methylnaphthalene-d10	12.231	152	2181	0.102	ng		0.00
14) 2,4,6-Tribromophenol	15.954	330	280	0.103	ng		-0.01
15) 2-Fluorobiphenyl	13.105	172	3440	0.101	ng		0.00
27) Fluoranthene-d10	19.244	212	4935	0.097	ng		0.00
31) Terphenyl-d14	19.843	244	3777	0.114	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.355	88	536	0.101	ng		95
3) n-Nitrosodimethylamine	3.680	42	519	0.095	ng		98
6) bis(2-Chloroethyl)ether	7.277	93	1301	0.102	ng		99
9) Naphthalene	10.690	128	3911	0.103	ng		95
10) Hexachlorobutadiene	10.989	225	739	0.104	ng	#	99
12) 2-Methylnaphthalene	12.303	142	2579	0.101	ng		98
16) Acenaphthylene	14.196	152	3364	0.089	ng		98
17) Acenaphthene	14.538	154	2653	0.100	ng		98
18) Fluorene	15.521	166	3388	0.101	ng		100
20) 4,6-Dinitro-2-methylph...	15.596	198	205	0.084	ng	#	39
21) 4-Bromophenyl-phenylether	16.405	248	1068	0.092	ng		94
22) Hexachlorobenzene	16.528	284	1241	0.095	ng		97
23) Atrazine	16.672	200	641	0.090	ng	#	90
24) Pentachlorophenol	16.866	266	418	0.106	ng		96
25) Phenanthrene	17.256	178	6330	0.101	ng		99
26) Anthracene	17.349	178	4960	0.096	ng		99
28) Fluoranthene	19.274	202	6289	0.094	ng		99
30) Pyrene	19.636	202	6454	0.107	ng		100
32) Benzo(a)anthracene	21.386	228	5054	0.098	ng		97
33) Chrysene	21.440	228	6150	0.103	ng		98
34) Bis(2-ethylhexyl)phtha...	21.324	149	2392	0.104	ng	#	97
36) Indeno(1,2,3-cd)pyrene	26.147	276	5245	0.088	ng		100
37) Benzo(b)fluoranthene	23.030	252	5207	0.099	ng	#	87
38) Benzo(k)fluoranthene	23.077	252	5241	0.096	ng	#	86
39) Benzo(a)pyrene	23.635	252	3855	0.094	ng	#	77
40) Dibenzo(a,h)anthracene	26.159	278	4129	0.085	ng	#	92
41) Benzo(g,h,i)perylene	26.878	276	4613	0.091	ng		94

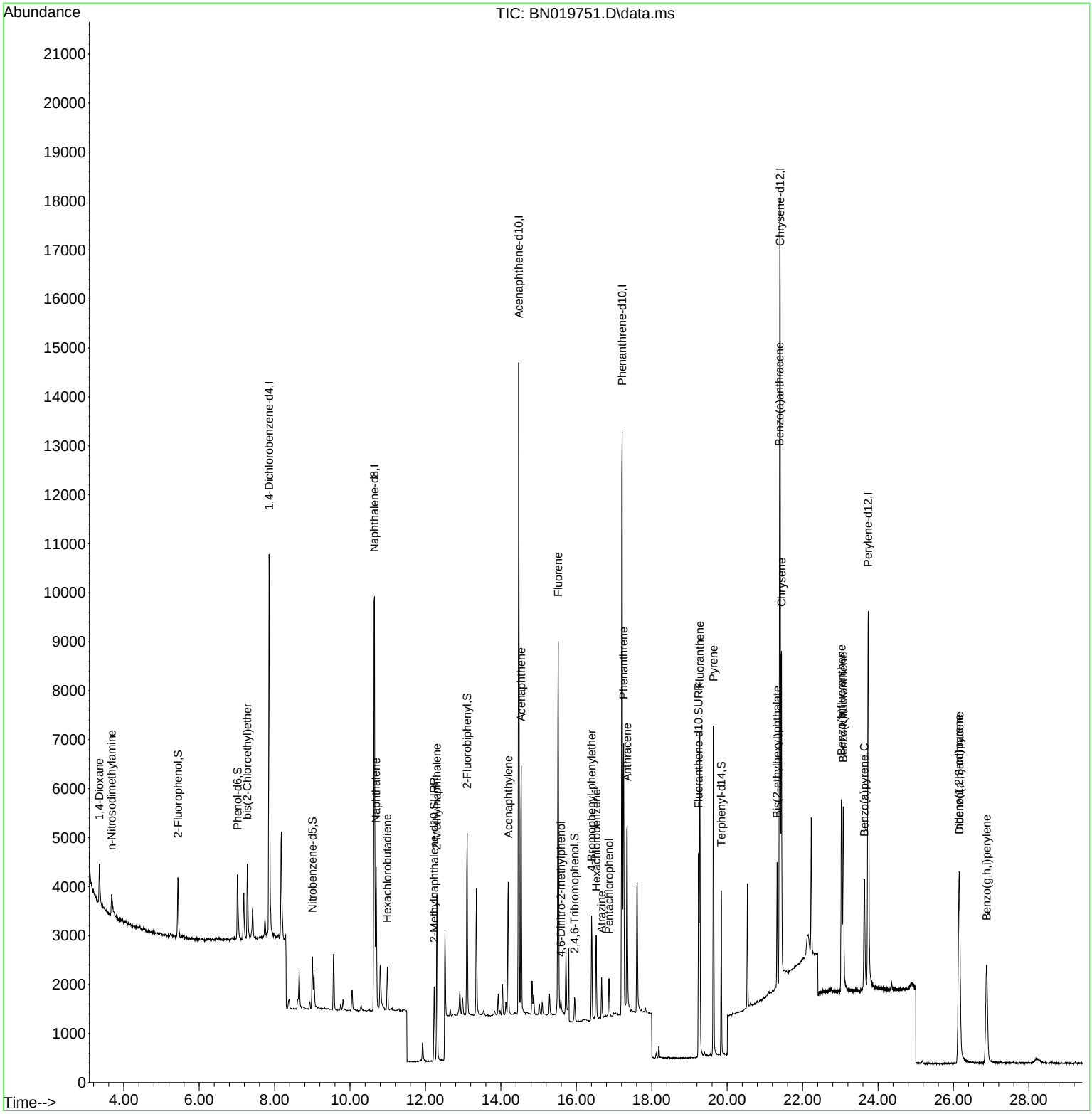
(#) = qualifier out of range (m) = manual integration (+) = signals summed

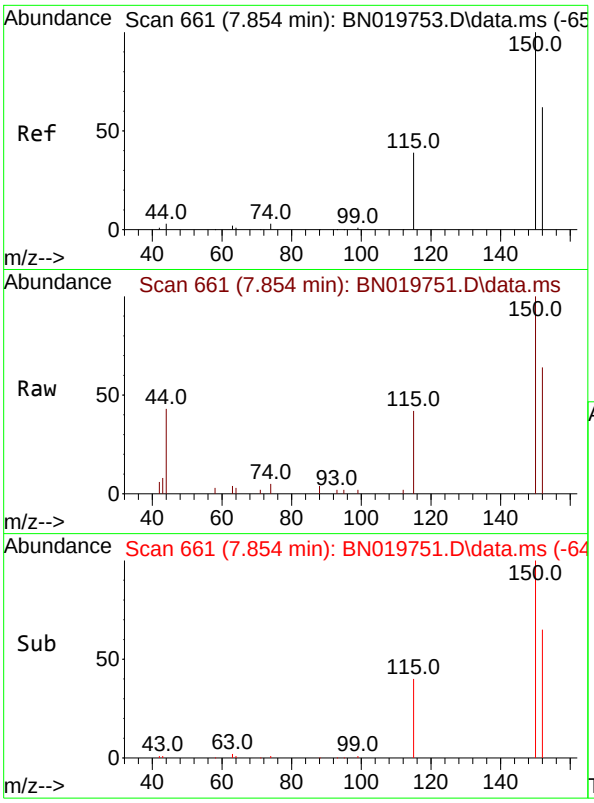
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051322\
Data File : BN019751.D
Acq On : 12 May 2022 16:01
Operator : CG/JU
Sample : SSTDICC0.1
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Quant Time: May 13 02:21:37 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 02:18:00 2022
Response via : Initial Calibration



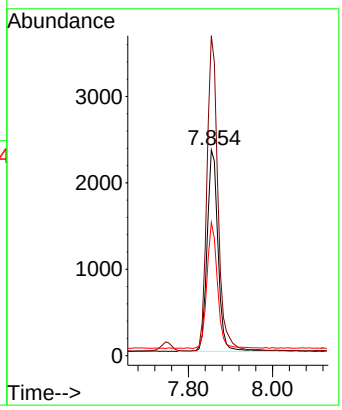


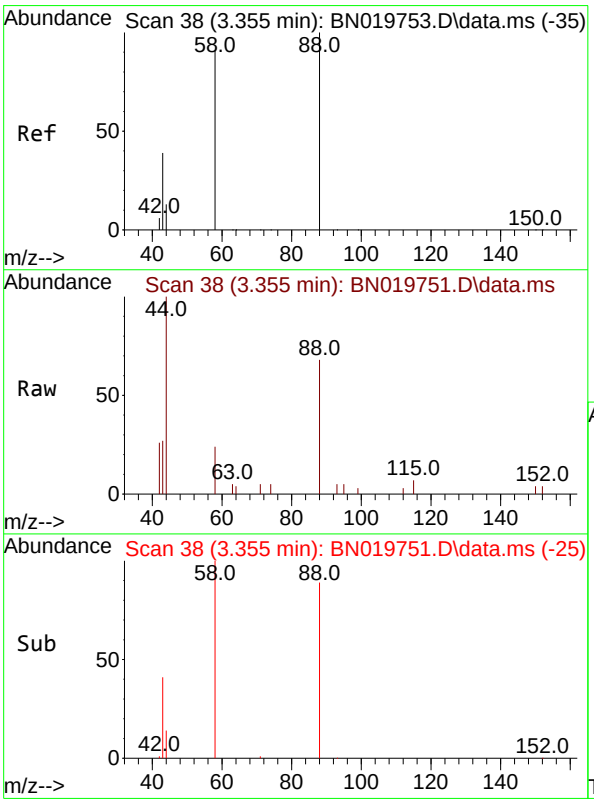
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.854 min Scan# 6
Delta R.T. -0.008 min
Lab File: BN019751.D
Acq: 12 May 2022 16:01

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:152 Resp: 4176

Ion	Ratio	Lower	Upper
152	100		
150	155.6	127.9	191.9
115	64.7	51.4	77.2

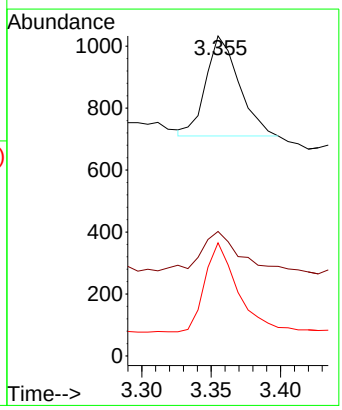


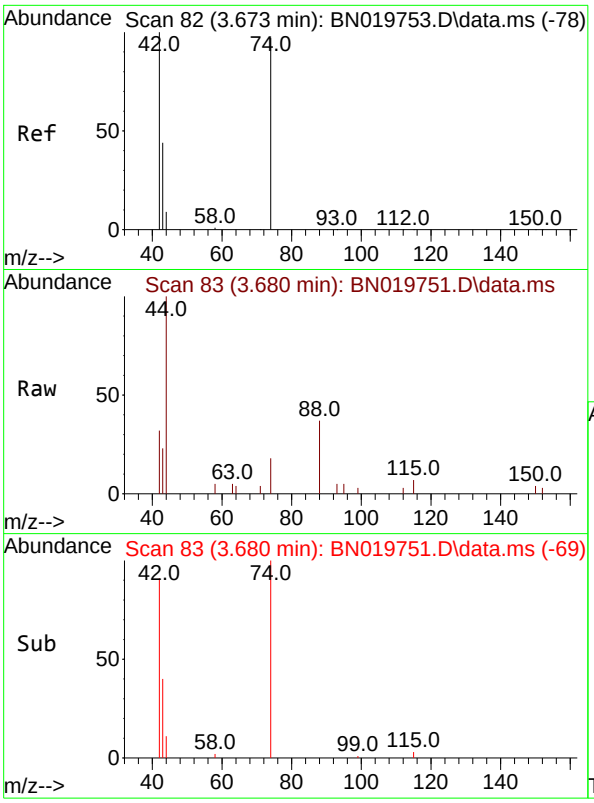


#2
1,4-Dioxane
Concen: 0.101 ng
RT: 3.355 min Scan# 38
Delta R.T. -0.007 min
Lab File: BN019751.D
Acq: 12 May 2022 16:01

Tgt Ion: 88 Resp: 536

Ion	Ratio	Lower	Upper
88	100		
43	43.3	30.2	45.2
58	88.1	73.0	109.6



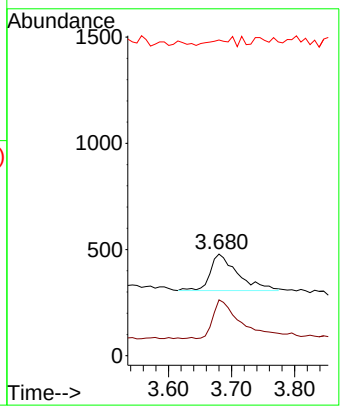


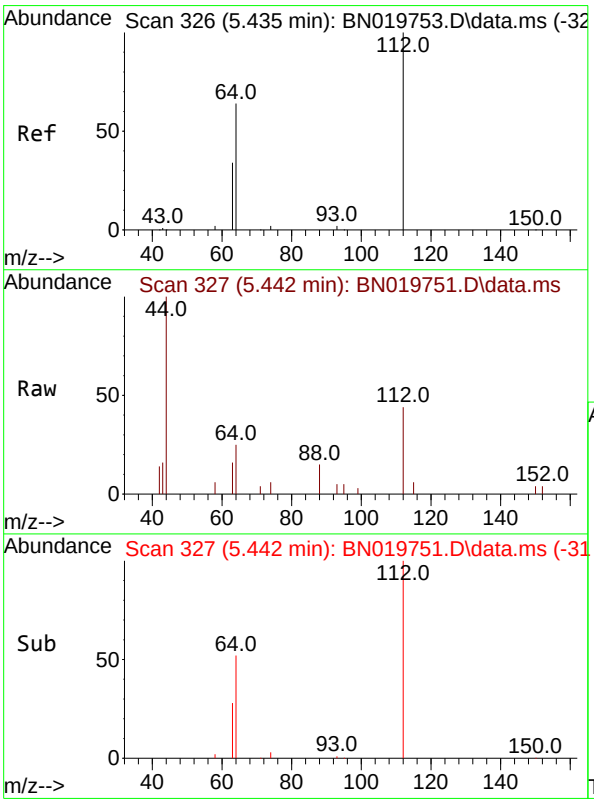
#3
n-Nitrosodimethylamine
Concen: 0.095 ng
RT: 3.680 min Scan# 8
Delta R.T. -0.000 min
Lab File: BN019751.D
Acq: 12 May 2022 16:01

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion: 42 Resp: 519

Ion	Ratio	Lower	Upper
42	100		
74	106.2	84.0	126.0
44	10.0	9.8	14.8

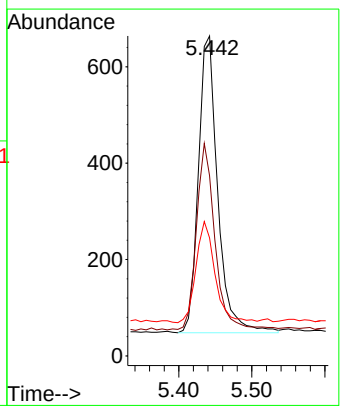


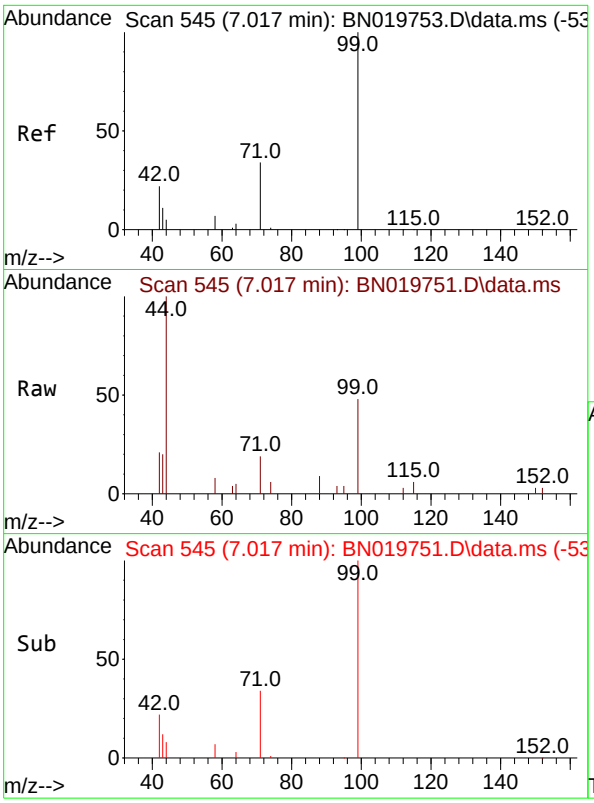


#4
2-Fluorophenol
Concen: 0.120 ng
RT: 5.442 min Scan# 327
Delta R.T. -0.000 min
Lab File: BN019751.D
Acq: 12 May 2022 16:01

Tgt Ion:112 Resp: 1134

Ion	Ratio	Lower	Upper
112	100		
64	60.3	49.1	73.7
63	33.5	26.3	39.5



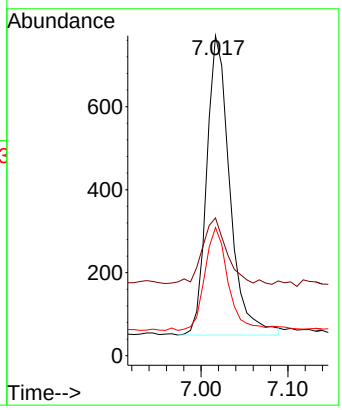


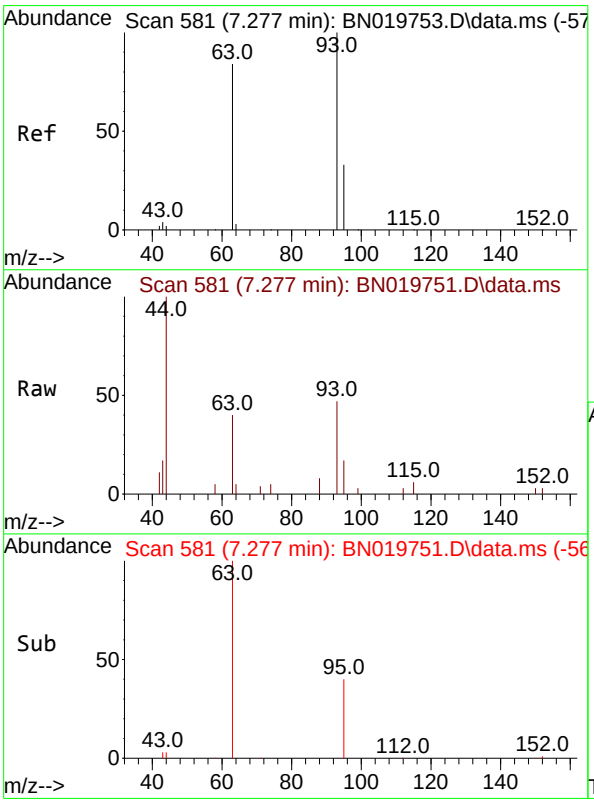
#5
Phenol-d6
Concen: 0.112 ng
RT: 7.017 min Scan# 54
Delta R.T. -0.007 min
Lab File: BN019751.D
Acq: 12 May 2022 16:01

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion: 99 Resp: 1334

Ion	Ratio	Lower	Upper
99	100		
42	23.8	19.3	28.9
71	34.3	27.5	41.3

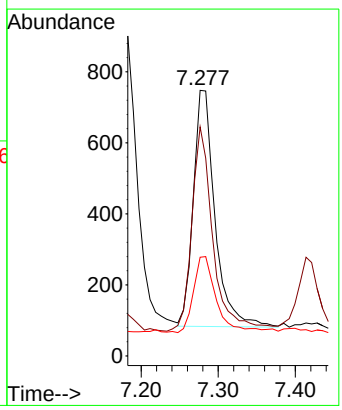


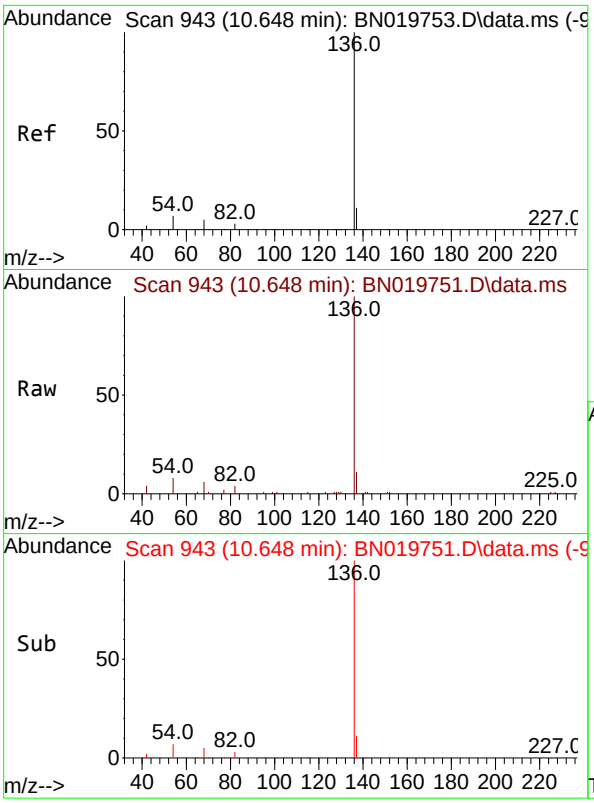


#6
bis(2-Chloroethyl)ether
Concen: 0.102 ng
RT: 7.277 min Scan# 581
Delta R.T. -0.007 min
Lab File: BN019751.D
Acq: 12 May 2022 16:01

Tgt Ion: 93 Resp: 1301

Ion	Ratio	Lower	Upper
93	100		
63	84.6	67.4	101.0
95	34.0	26.5	39.7



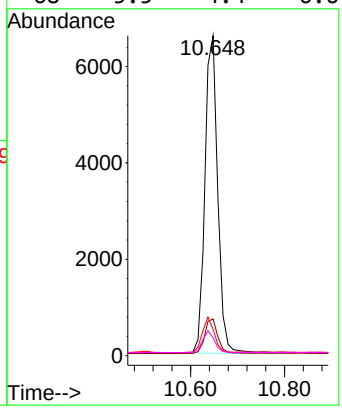


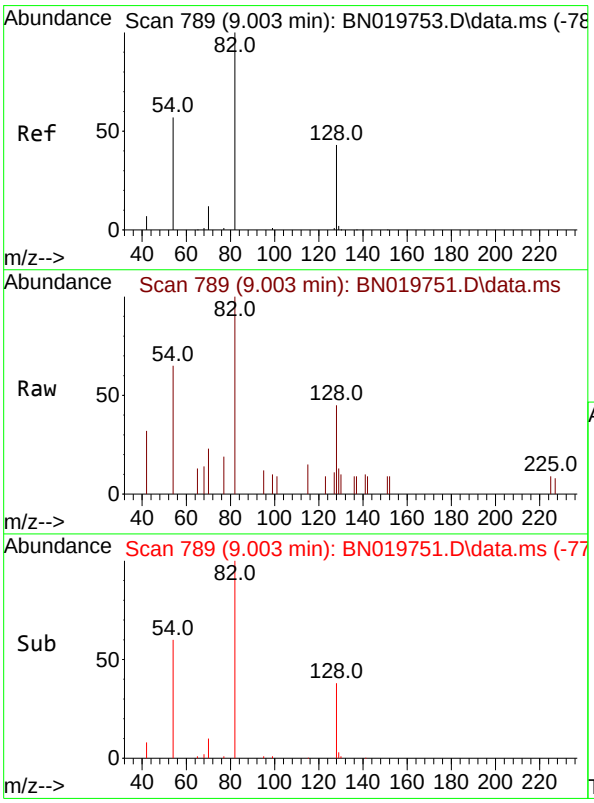
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.648 min Scan# 94
Delta R.T. -0.000 min
Lab File: BN019751.D
Acq: 12 May 2022 16:01

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:136 Resp: 12470

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.0	13.6
54	8.3	6.2	9.2
68	5.5	4.4	6.6

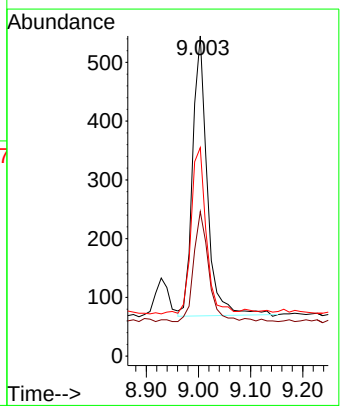


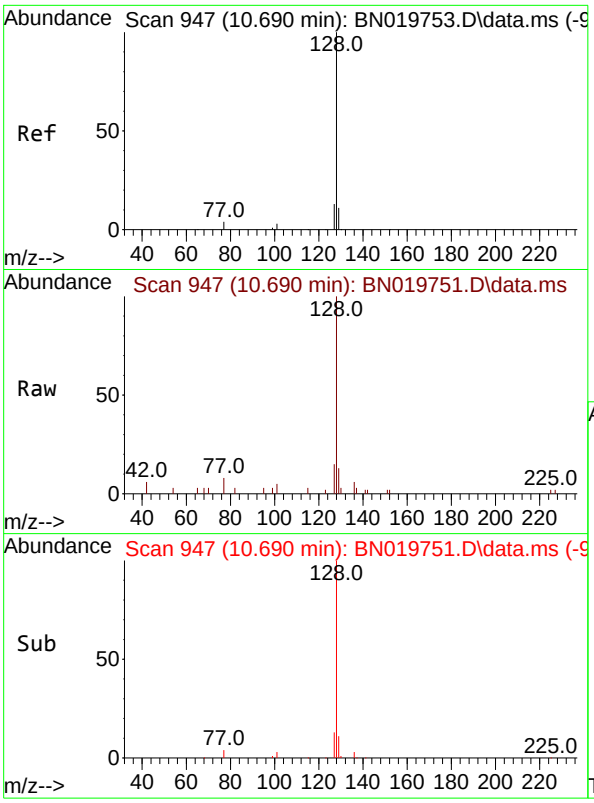


#8
Nitrobenzene-d5
Concen: 0.089 ng
RT: 9.003 min Scan# 789
Delta R.T. -0.000 min
Lab File: BN019751.D
Acq: 12 May 2022 16:01

Tgt Ion: 82 Resp: 931

Ion	Ratio	Lower	Upper
82	100		
128	45.1	35.0	52.6
54	65.1	46.2	69.4



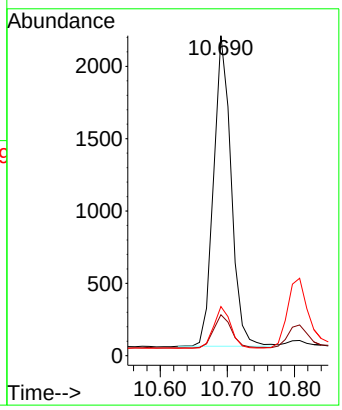


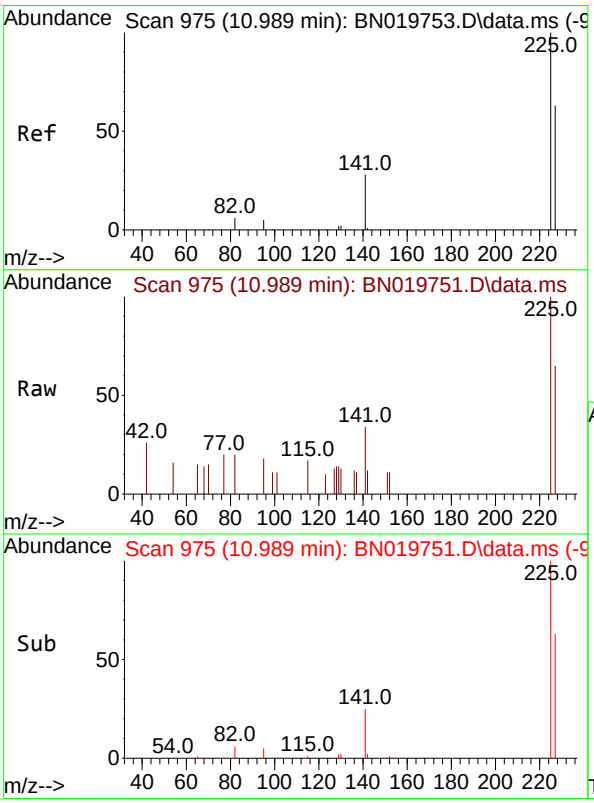
#9
Naphthalene
Concen: 0.103 ng
RT: 10.690 min Scan# 94
Delta R.T. -0.011 min
Lab File: BN019751.D
Acq: 12 May 2022 16:01

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:128 Resp: 3911

Ion	Ratio	Lower	Upper
128	100		
129	12.8	8.9	13.3
127	15.4	10.8	16.2

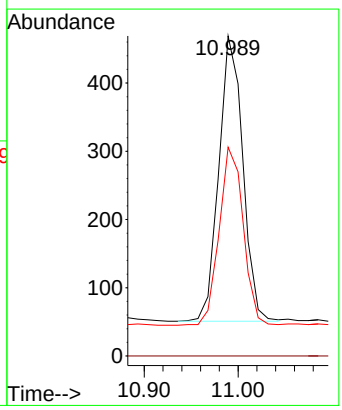


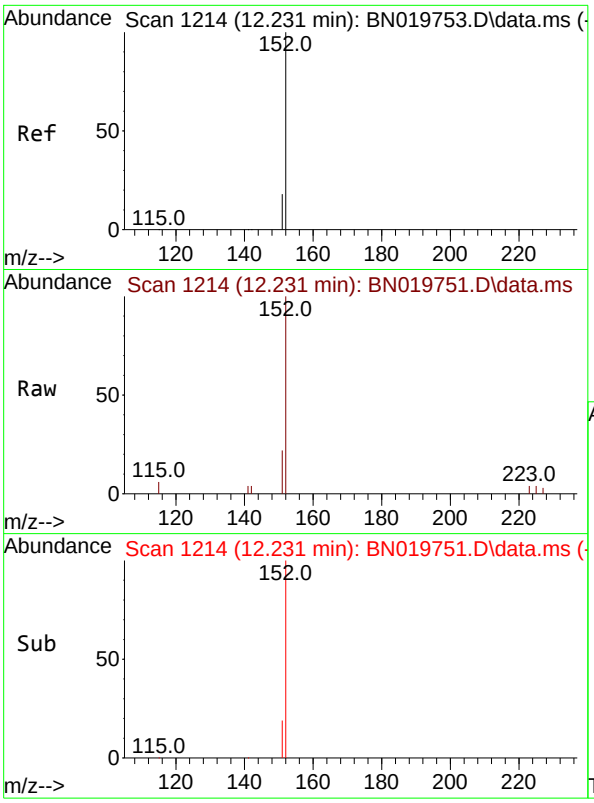


#10
Hexachlorobutadiene
Concen: 0.104 ng
RT: 10.989 min Scan# 975
Delta R.T. -0.011 min
Lab File: BN019751.D
Acq: 12 May 2022 16:01

Tgt Ion:225 Resp: 739

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	62.8	50.9	76.3



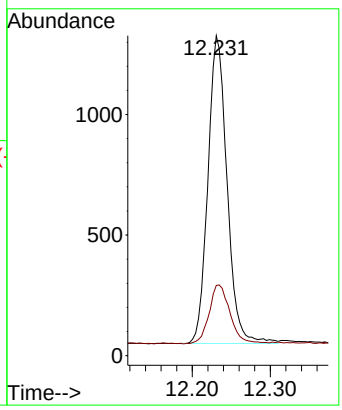


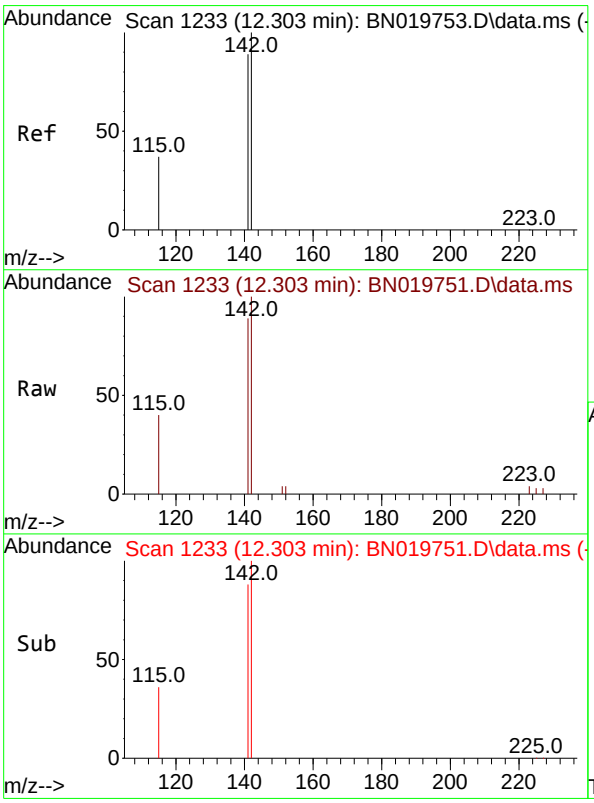
#11
2-Methylnaphthalene-d10
Concen: 0.102 ng
RT: 12.231 min Scan# 1
Delta R.T. -0.004 min
Lab File: BN019751.D
Acq: 12 May 2022 16:01

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:152 Resp: 2181

Ion	Ratio	Lower	Upper
152	100		
151	21.0	16.2	24.4

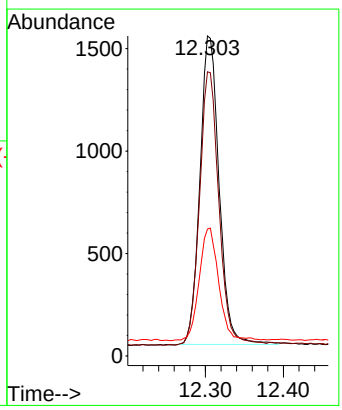


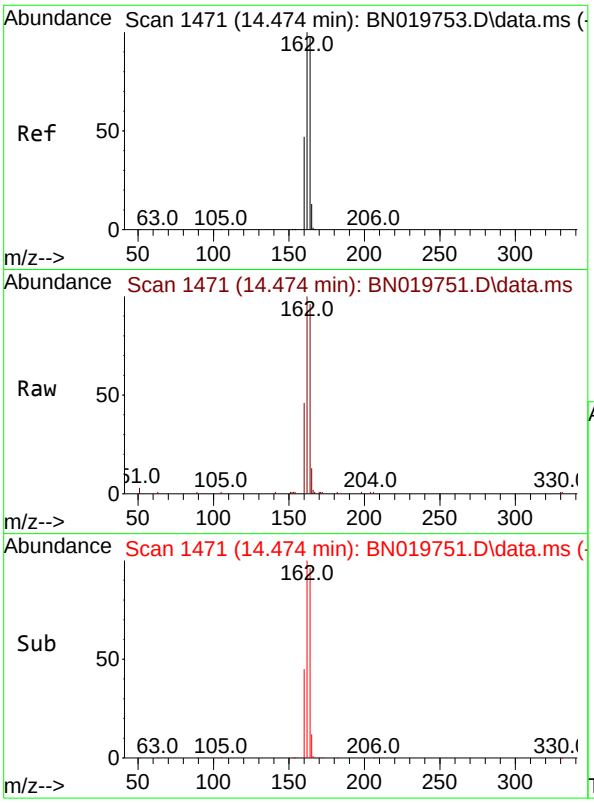


#12
2-Methylnaphthalene
Concen: 0.101 ng
RT: 12.303 min Scan# 1233
Delta R.T. -0.008 min
Lab File: BN019751.D
Acq: 12 May 2022 16:01

Tgt Ion:142 Resp: 2579

Ion	Ratio	Lower	Upper
142	100		
141	88.8	71.6	107.4
115	39.6	29.8	44.8



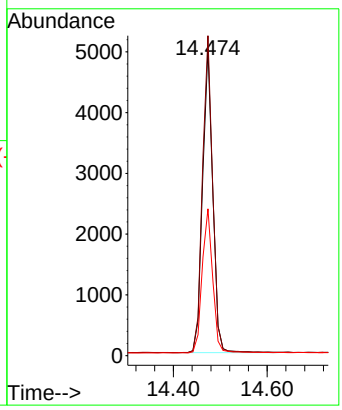


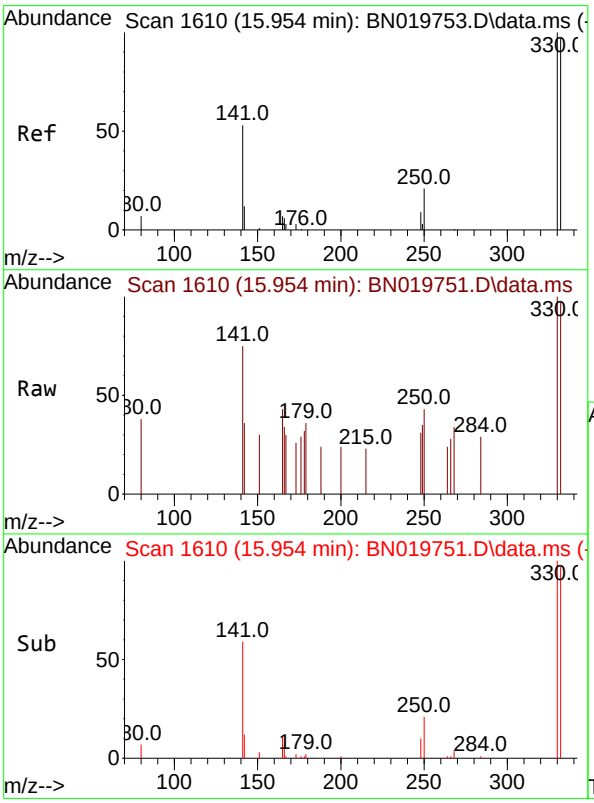
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.474 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN019751.D
Acq: 12 May 2022 16:01

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:164 Resp: 7519

Ion	Ratio	Lower	Upper
164	100		
162	104.3	82.1	123.1
160	47.9	38.6	58.0

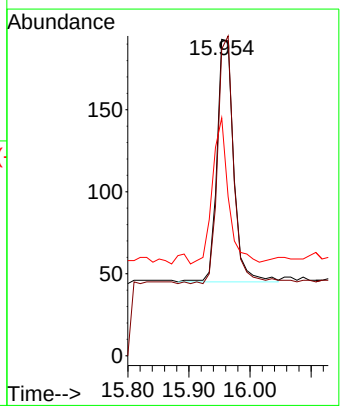


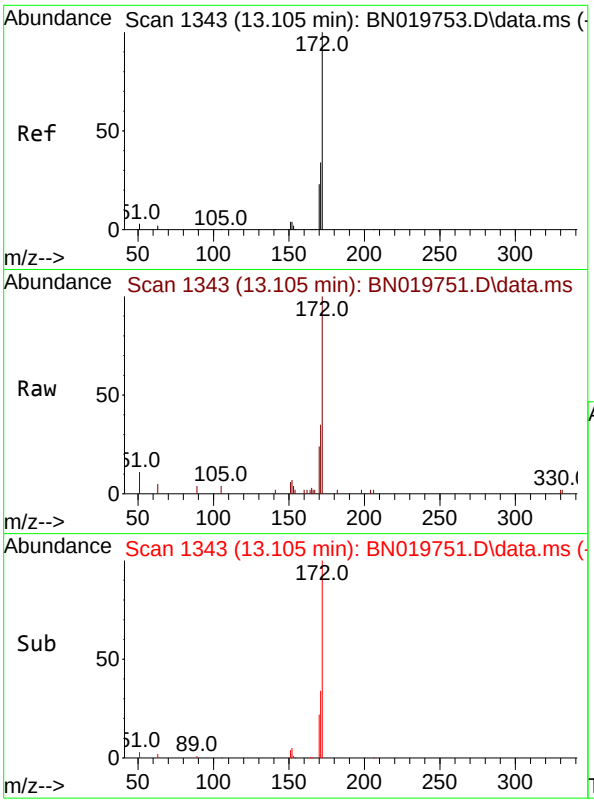


#14
2,4,6-Tribromophenol
Concen: 0.103 ng
RT: 15.954 min Scan# 1610
Delta R.T. -0.010 min
Lab File: BN019751.D
Acq: 12 May 2022 16:01

Tgt Ion:330 Resp: 280

Ion	Ratio	Lower	Upper
330	100		
332	98.9	77.6	116.4
141	58.2	41.0	61.4



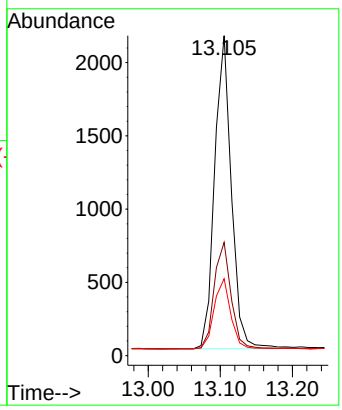


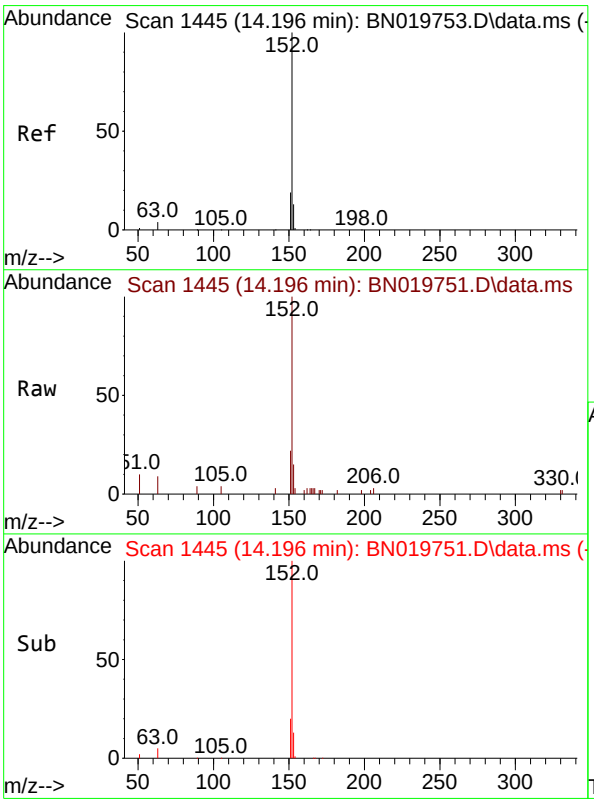
#15
2-Fluorobiphenyl
Concen: 0.101 ng
RT: 13.105 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN019751.D
Acq: 12 May 2022 16:01

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:172 Resp: 3440

Ion	Ratio	Lower	Upper
172	100		
171	35.4	27.2	40.8
170	24.0	18.2	27.4

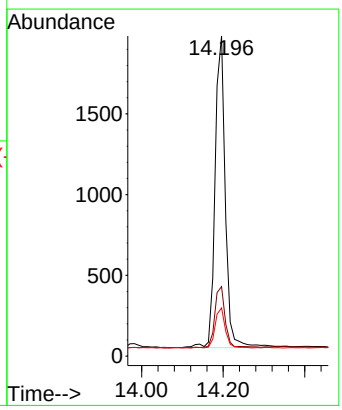


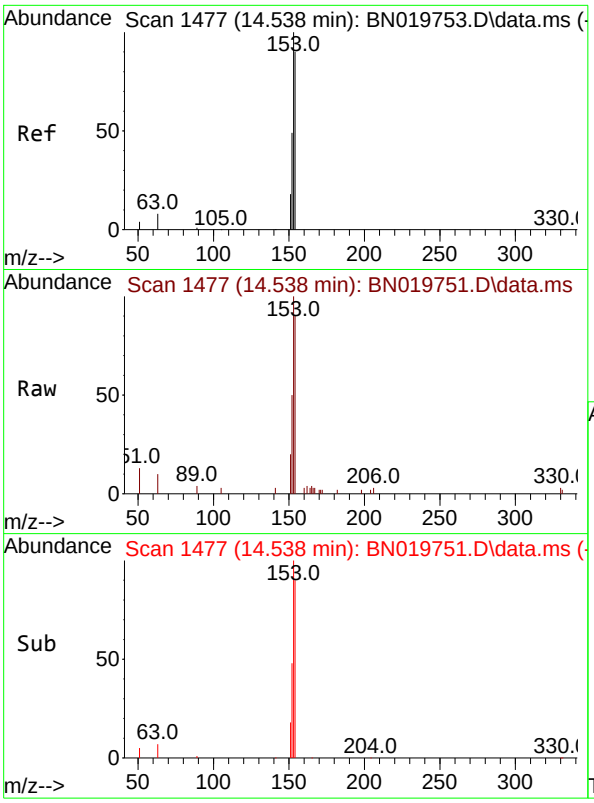


#16
Acenaphthylene
Concen: 0.089 ng
RT: 14.196 min Scan# 1445
Delta R.T. -0.000 min
Lab File: BN019751.D
Acq: 12 May 2022 16:01

Tgt Ion:152 Resp: 3364

Ion	Ratio	Lower	Upper
152	100		
151	19.8	16.2	24.4
153	12.6	10.7	16.1



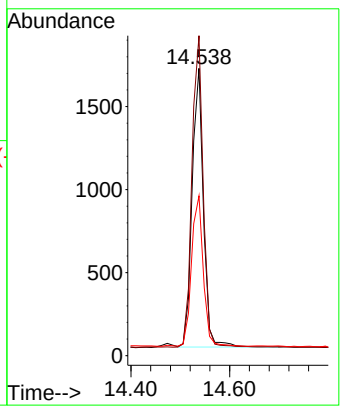


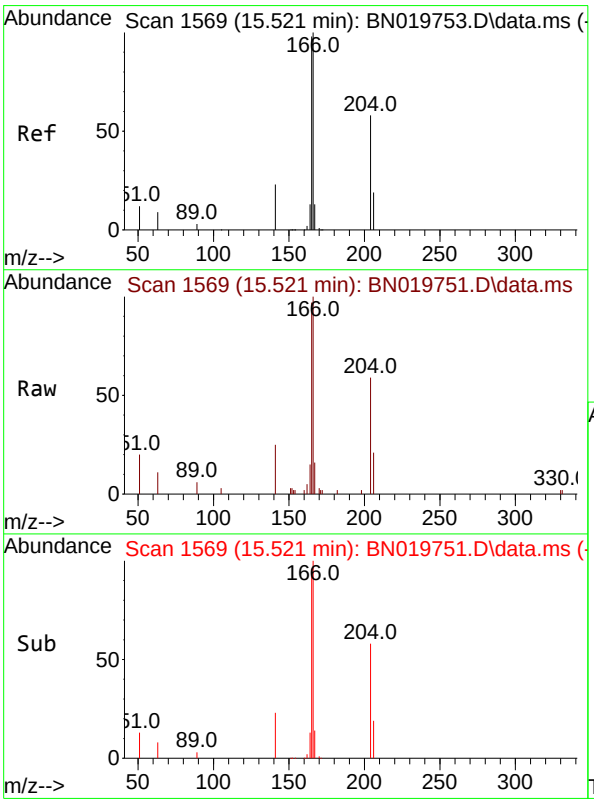
#17
Acenaphthene
Concen: 0.100 ng
RT: 14.538 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN019751.D
Acq: 12 May 2022 16:01

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:154 Resp: 2653

Ion	Ratio	Lower	Upper
154	100		
153	111.8	87.5	131.3
152	56.1	43.8	65.6

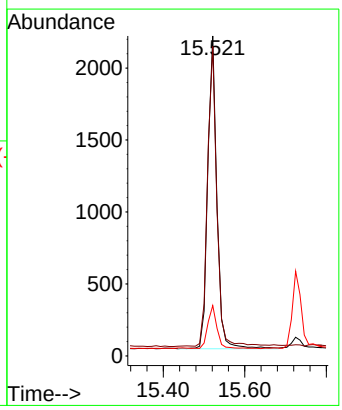


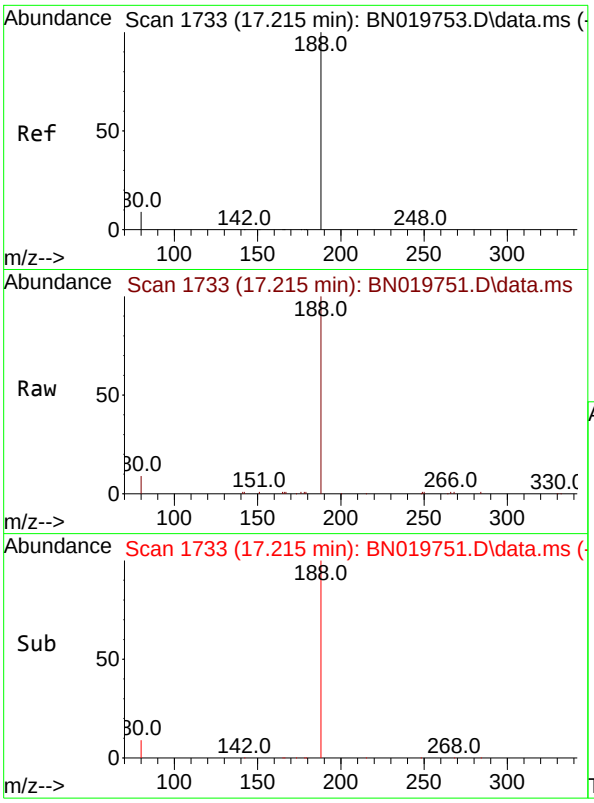


#18
Fluorene
Concen: 0.101 ng
RT: 15.521 min Scan# 1569
Delta R.T. -0.000 min
Lab File: BN019751.D
Acq: 12 May 2022 16:01

Tgt Ion:166 Resp: 3388

Ion	Ratio	Lower	Upper
166	100		
165	98.4	78.6	118.0
167	13.9	10.8	16.2



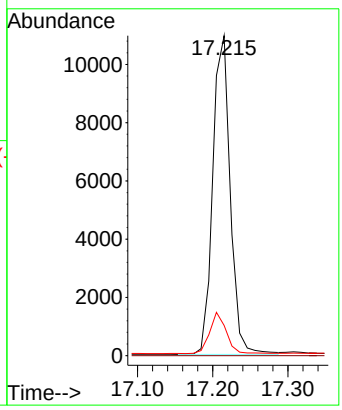


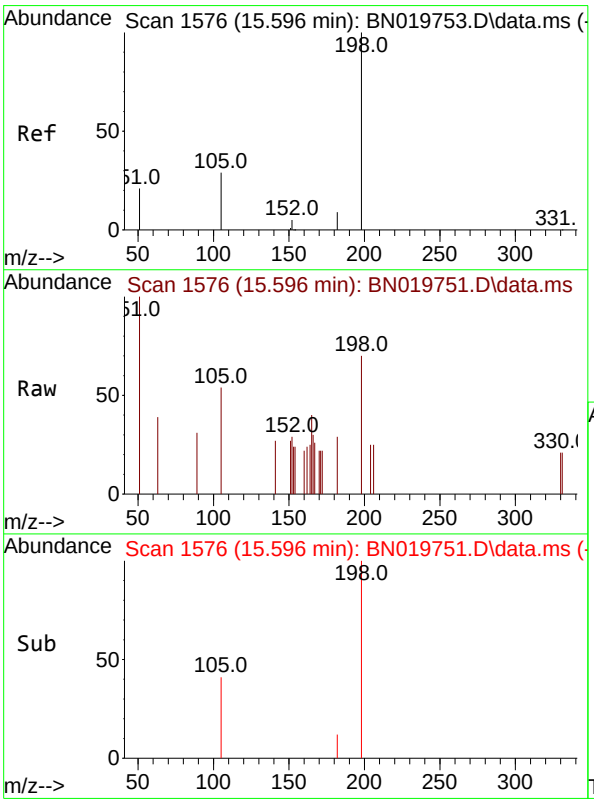
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.215 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN019751.D
Acq: 12 May 2022 16:01

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:188 Resp: 17636

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.4	7.4	11.2

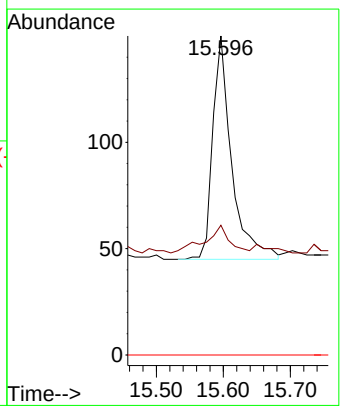


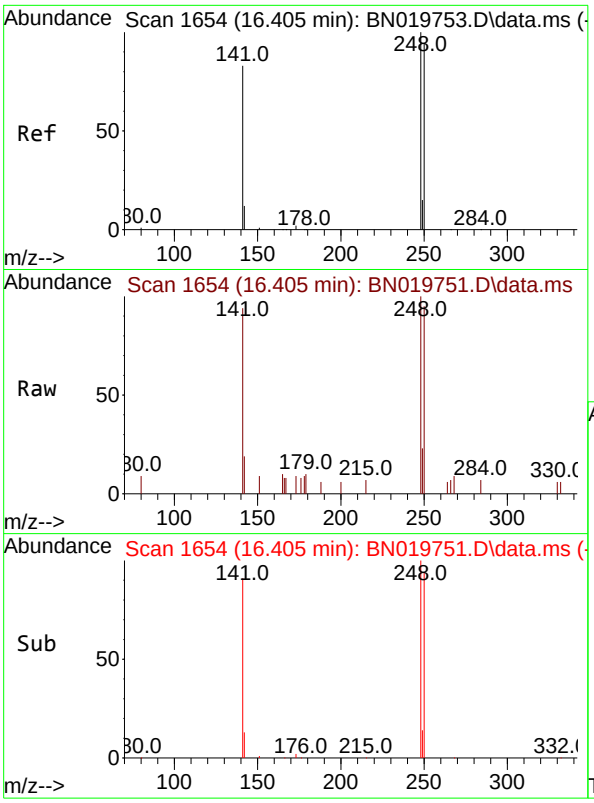


#20
4,6-Dinitro-2-methylphenol
Concen: 0.084 ng
RT: 15.596 min Scan# 1576
Delta R.T. 0.000 min
Lab File: BN019751.D
Acq: 12 May 2022 16:01

Tgt Ion:198 Resp: 205

Ion	Ratio	Lower	Upper
198	100		
182	40.7	12.1	18.1#
77	0.0	0.0	0.0



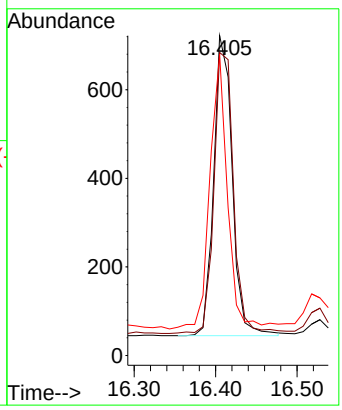


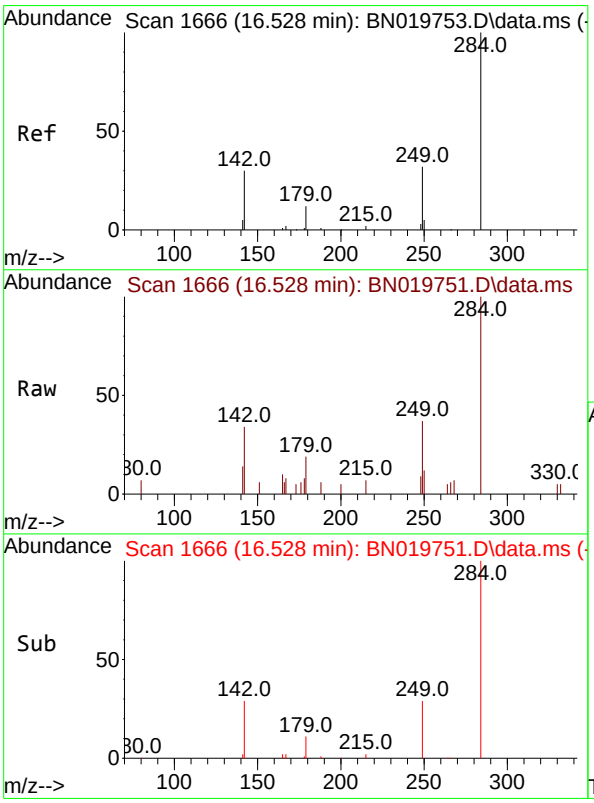
#21
4-Bromophenyl-phenylether
Concen: 0.092 ng
RT: 16.405 min Scan# 1
Delta R.T. -0.010 min
Lab File: BN019751.D
Acq: 12 May 2022 16:01

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:248 Resp: 1068

Ion	Ratio	Lower	Upper
248	100		
250	94.7	75.3	112.9
141	94.3	67.3	100.9

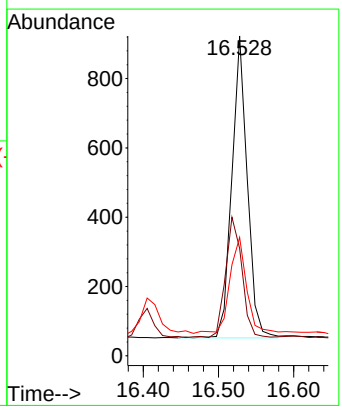


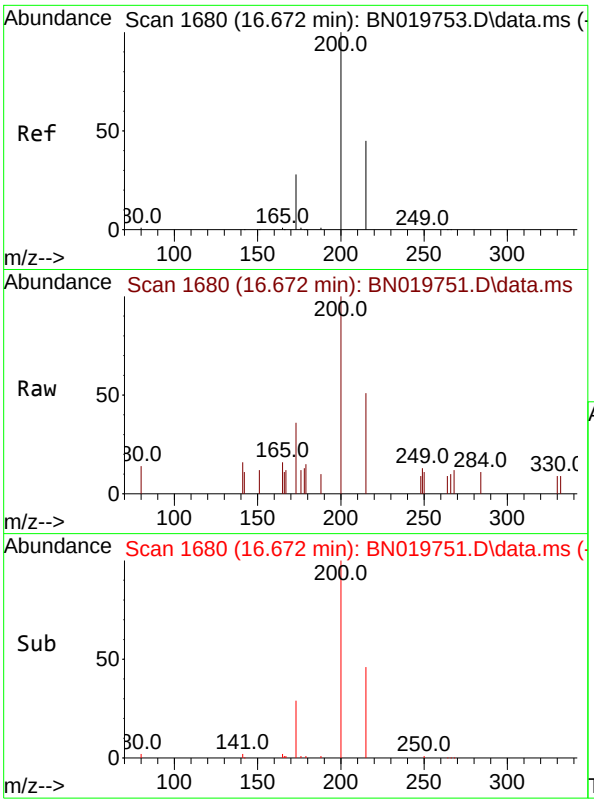


#22
Hexachlorobenzene
Concen: 0.095 ng
RT: 16.528 min Scan# 1666
Delta R.T. -0.000 min
Lab File: BN019751.D
Acq: 12 May 2022 16:01

Tgt Ion:284 Resp: 1241

Ion	Ratio	Lower	Upper
284	100		
142	42.2	35.2	52.8
249	34.6	26.6	40.0



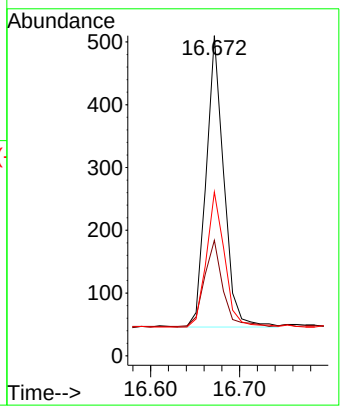


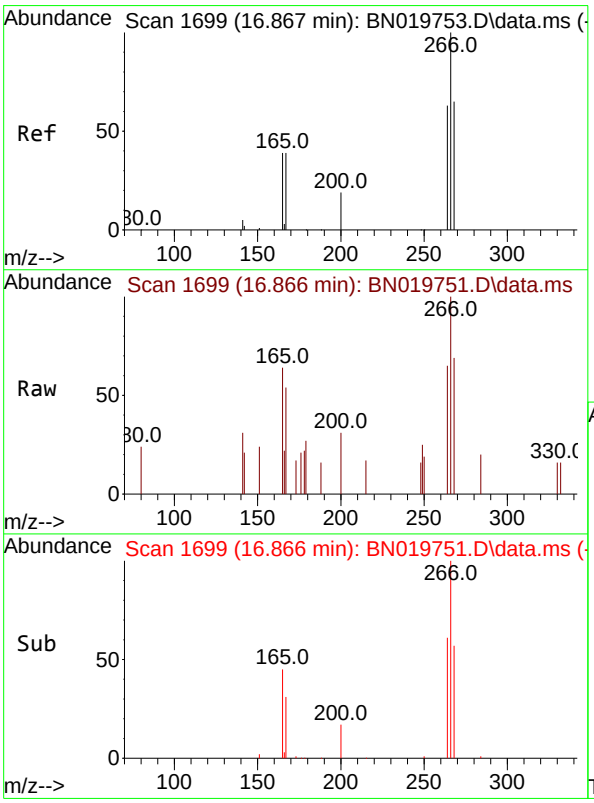
#23
Atrazine
Concen: 0.090 ng
RT: 16.672 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN019751.D
Acq: 12 May 2022 16:01

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:200 Resp: 641

Ion	Ratio	Lower	Upper
200	100		
173	36.1	23.6	35.4#
215	51.2	36.6	54.8

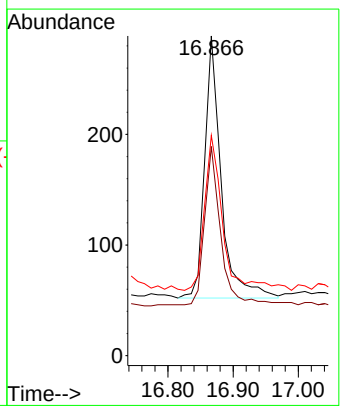


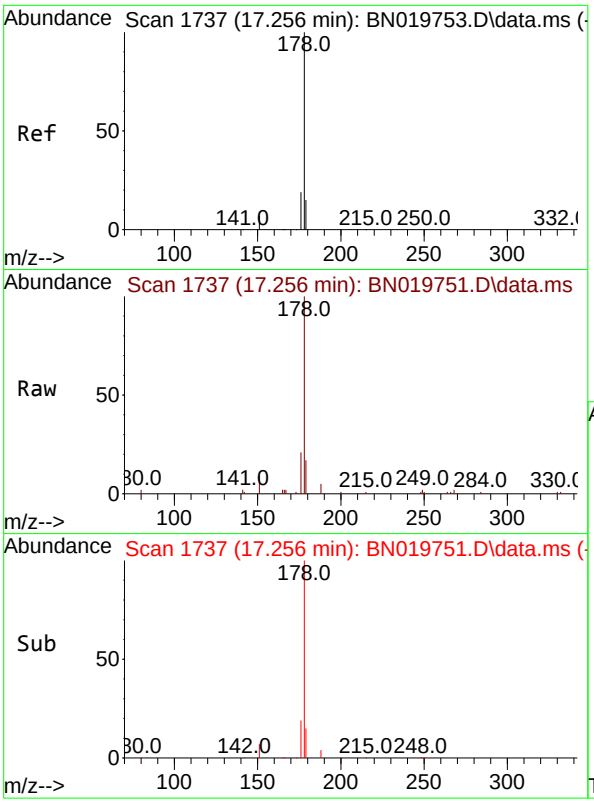


#24
Pentachlorophenol
Concen: 0.106 ng
RT: 16.866 min Scan# 1699
Delta R.T. -0.001 min
Lab File: BN019751.D
Acq: 12 May 2022 16:01

Tgt Ion:266 Resp: 418

Ion	Ratio	Lower	Upper
266	100		
264	58.6	51.3	76.9
268	64.8	52.6	79.0



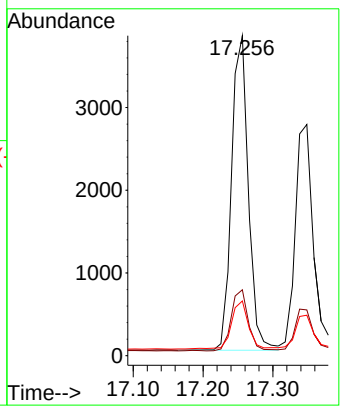


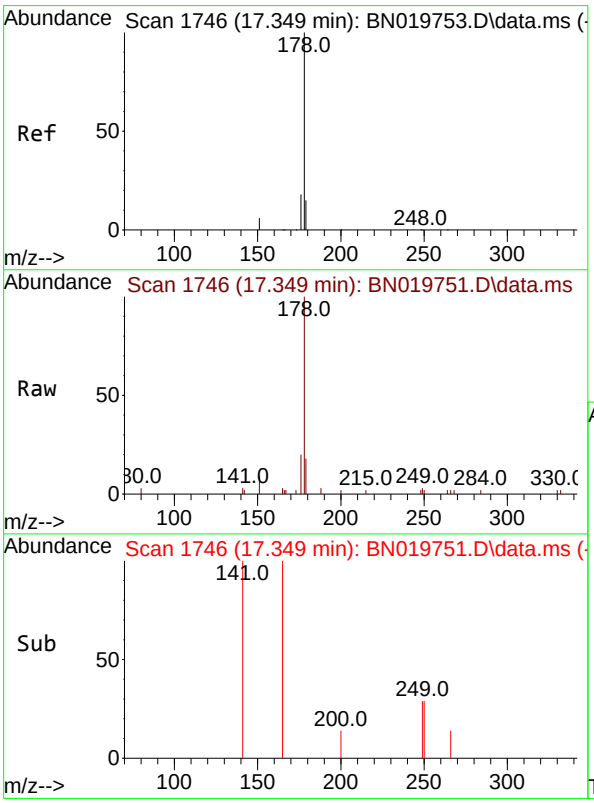
#25
Phenanthrene
Concen: 0.101 ng
RT: 17.256 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN019751.D
Acq: 12 May 2022 16:01

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:178 Resp: 6330

Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.3	22.9
179	15.5	12.2	18.4

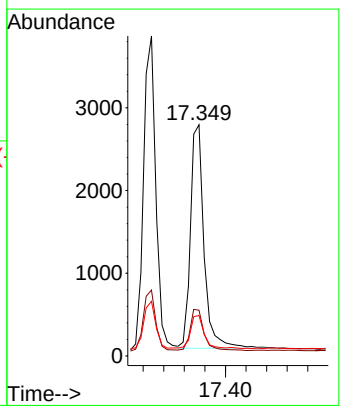


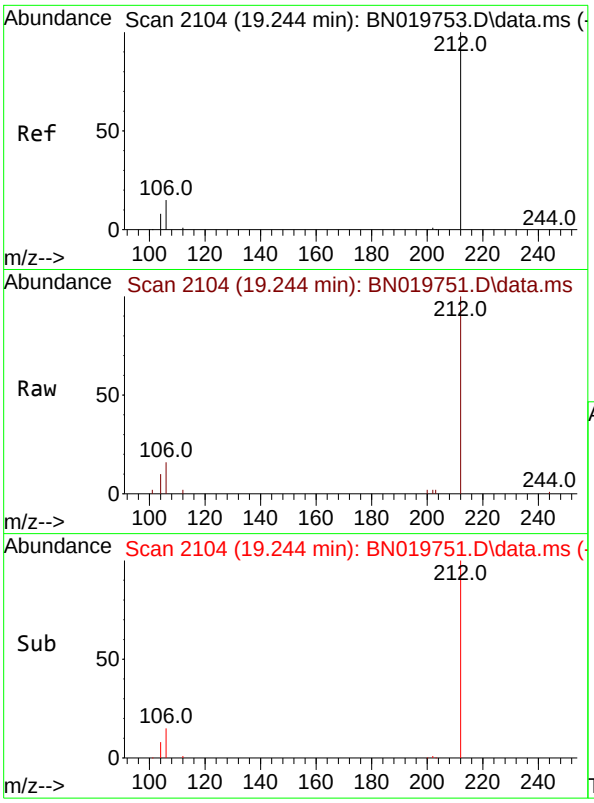


#26
Anthracene
Concen: 0.096 ng
RT: 17.349 min Scan# 1746
Delta R.T. -0.000 min
Lab File: BN019751.D
Acq: 12 May 2022 16:01

Tgt Ion:178 Resp: 4960

Ion	Ratio	Lower	Upper
178	100		
176	18.5	14.9	22.3
179	14.7	12.2	18.4



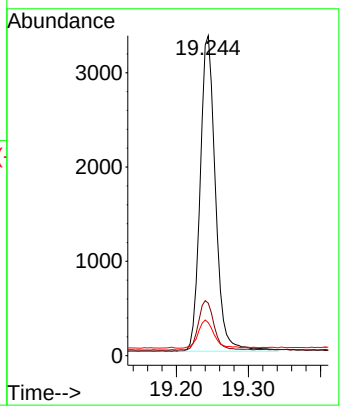


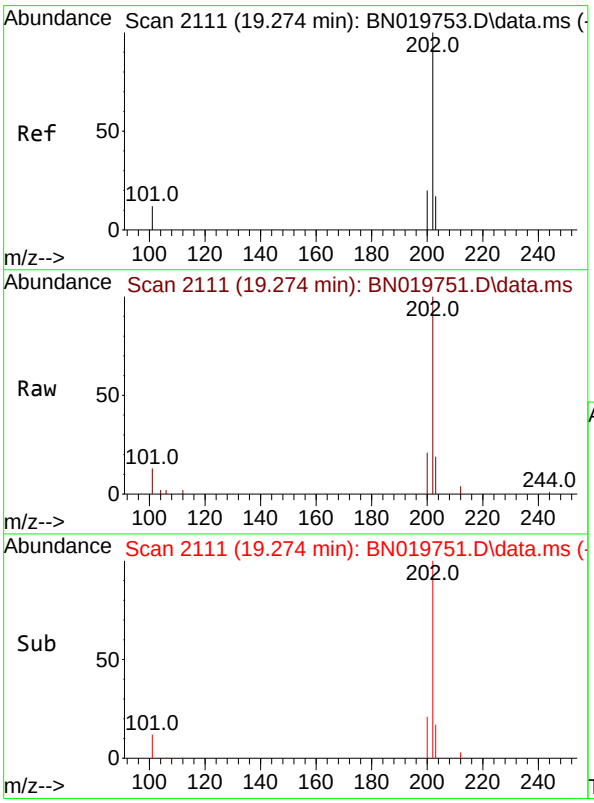
#27
Fluoranthene-d10
Concen: 0.097 ng
RT: 19.244 min Scan# 21
Delta R.T. -0.004 min
Lab File: BN019751.D
Acq: 12 May 2022 16:01

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:212 Resp: 4935

Ion	Ratio	Lower	Upper
212	100		
106	16.0	12.6	19.0
104	9.1	7.2	10.8

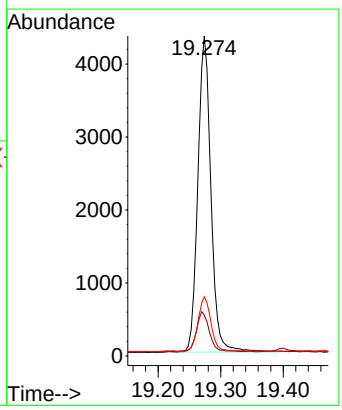


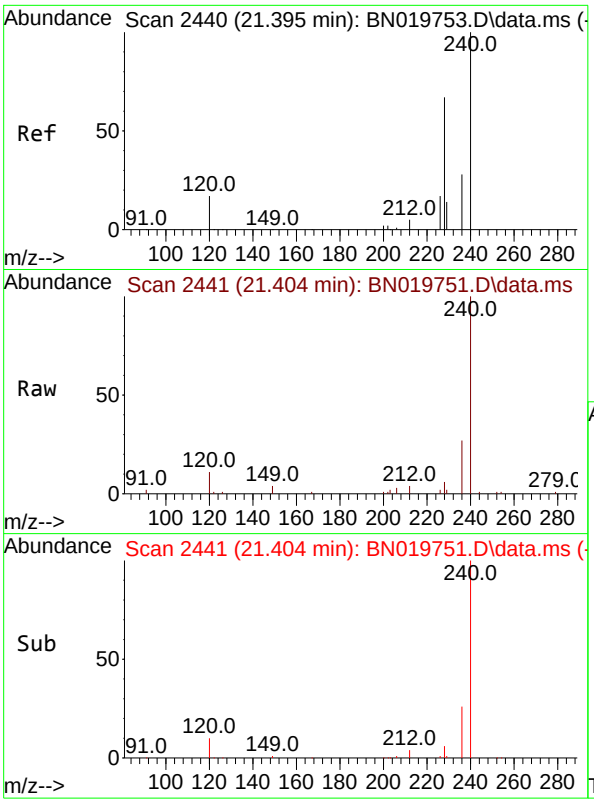


#28
Fluoranthene
Concen: 0.094 ng
RT: 19.274 min Scan# 2111
Delta R.T. -0.004 min
Lab File: BN019751.D
Acq: 12 May 2022 16:01

Tgt Ion:202 Resp: 6289

Ion	Ratio	Lower	Upper
202	100		
101	12.3	9.6	14.4
203	17.1	13.5	20.3



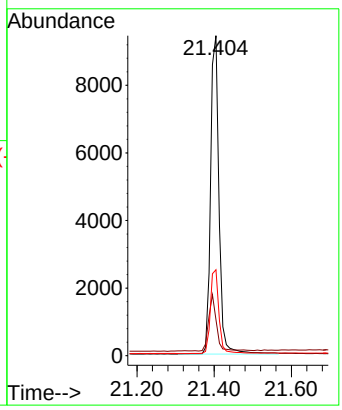


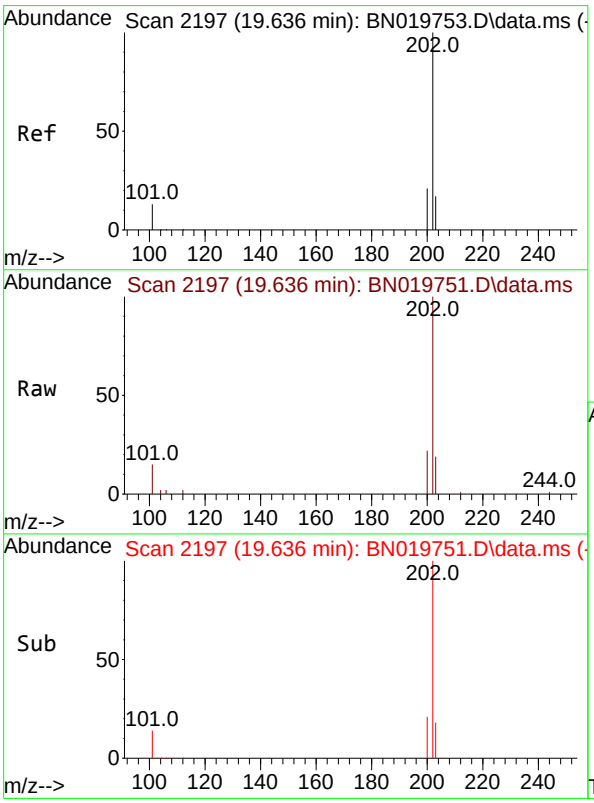
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.404 min Scan# 24
Delta R.T. -0.000 min
Lab File: BN019751.D
Acq: 12 May 2022 16:01

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:240 Resp: 14195

Ion	Ratio	Lower	Upper
240	100		
120	11.3	14.6	21.8#
236	26.9	22.6	33.8

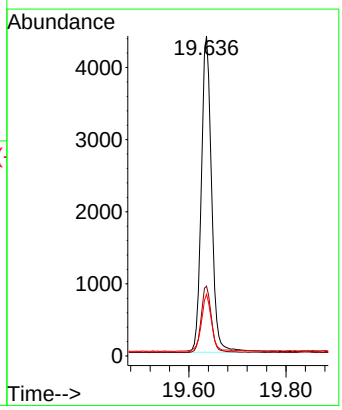


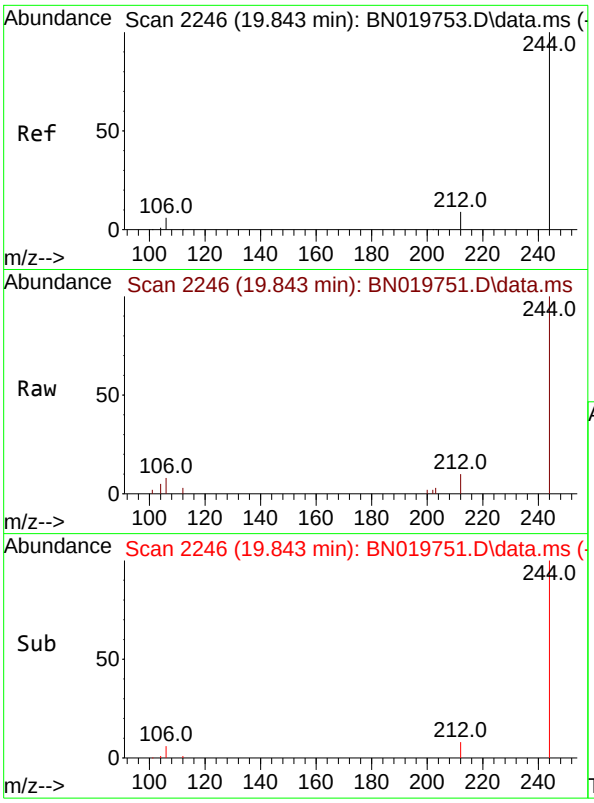


#30
Pyrene
Concen: 0.107 ng
RT: 19.636 min Scan# 2197
Delta R.T. -0.004 min
Lab File: BN019751.D
Acq: 12 May 2022 16:01

Tgt Ion:202 Resp: 6454

Ion	Ratio	Lower	Upper
202	100		
200	20.9	16.6	25.0
203	17.4	14.2	21.2



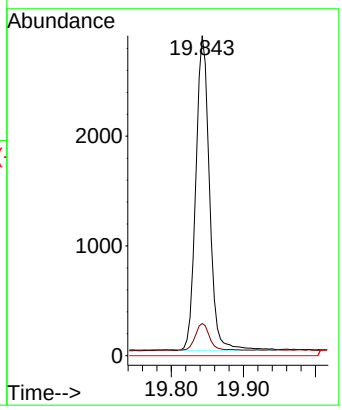


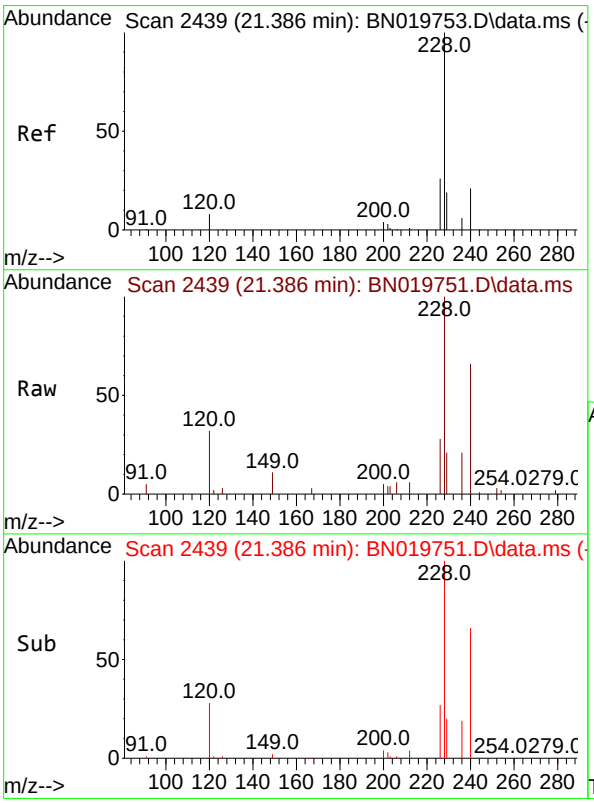
#31
Terphenyl-d14
Concen: 0.114 ng
RT: 19.843 min Scan# 2
Delta R.T. -0.004 min
Lab File: BN019751.D
Acq: 12 May 2022 16:01

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:244 Resp: 3777

Ion	Ratio	Lower	Upper
244	100		
212	10.0	7.1	10.7
122	0.0	0.0	0.0

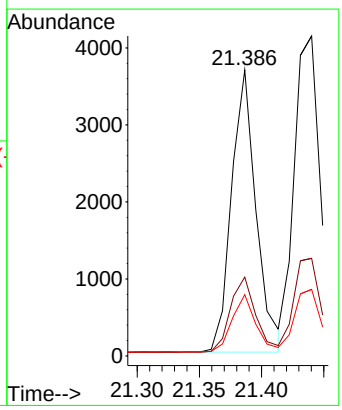


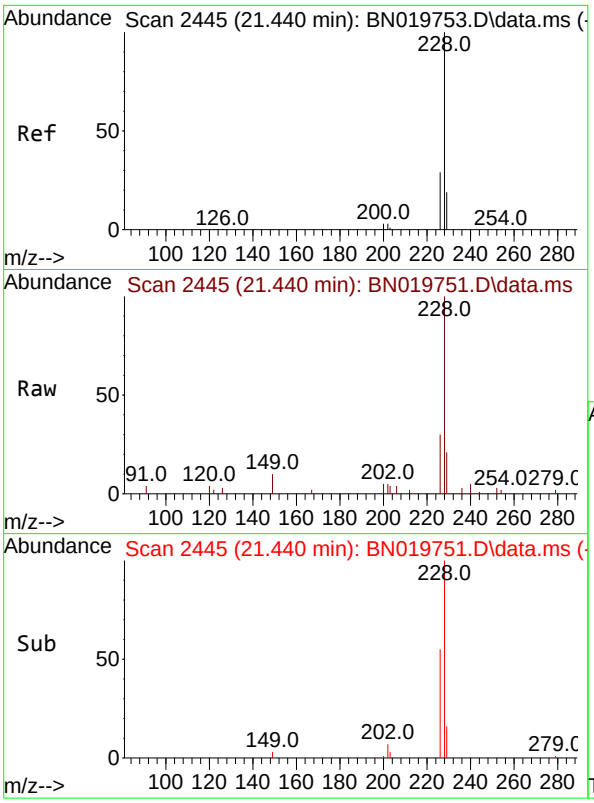


#32
Benzo(a)anthracene
Concen: 0.098 ng
RT: 21.386 min Scan# 2439
Delta R.T. -0.000 min
Lab File: BN019751.D
Acq: 12 May 2022 16:01

Tgt Ion:228 Resp: 5054

Ion	Ratio	Lower	Upper
228	100		
226	27.6	21.2	31.8
229	21.4	15.6	23.4



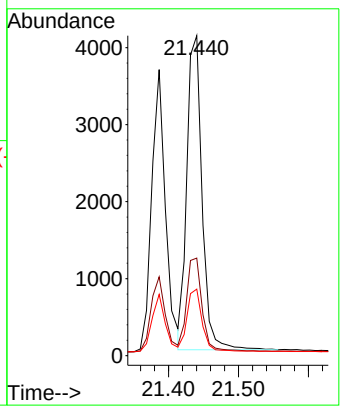


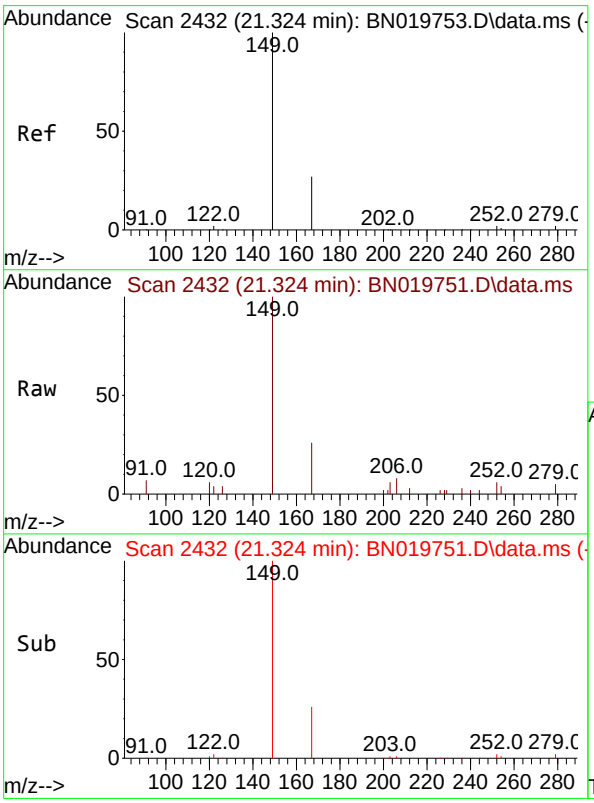
#33
Chrysene
Concen: 0.103 ng
RT: 21.440 min Scan# 24
Delta R.T. -0.000 min
Lab File: BN019751.D
Acq: 12 May 2022 16:01

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:228 Resp: 6150

Ion	Ratio	Lower	Upper
228	100		
226	30.5	23.4	35.0
229	20.8	15.7	23.5

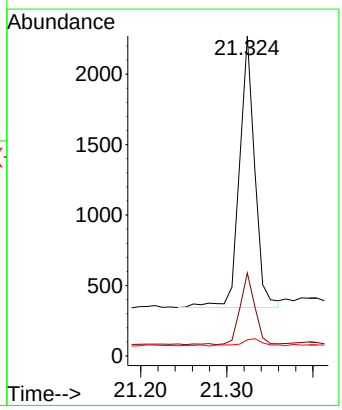


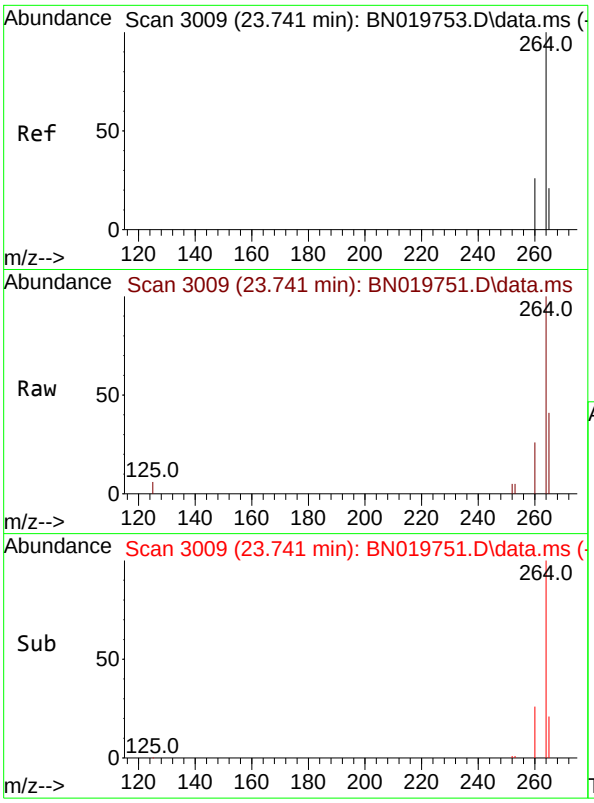


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.104 ng
RT: 21.324 min Scan# 2432
Delta R.T. -0.000 min
Lab File: BN019751.D
Acq: 12 May 2022 16:01

Tgt Ion:149 Resp: 2392

Ion	Ratio	Lower	Upper
149	100		
167	25.6	21.7	32.5
279	3.8	2.2	3.2#



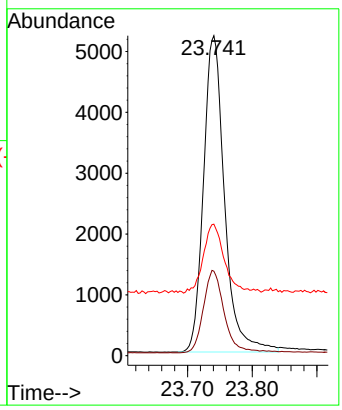


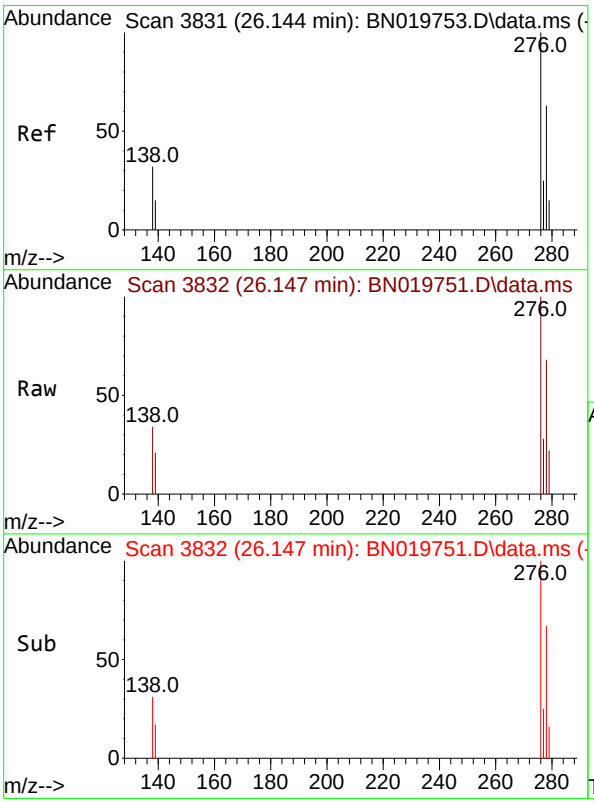
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.741 min Scan# 3
Delta R.T. -0.000 min
Lab File: BN019751.D
Acq: 12 May 2022 16:01

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:264 Resp: 11753

Ion	Ratio	Lower	Upper
264	100		
260	26.4	20.9	31.3
265	41.1	28.0	42.0

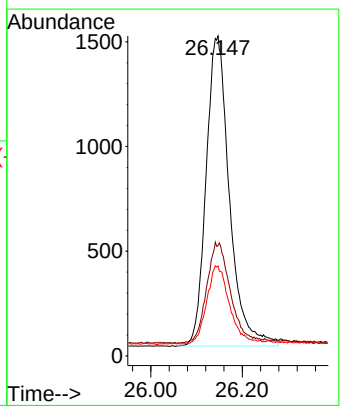


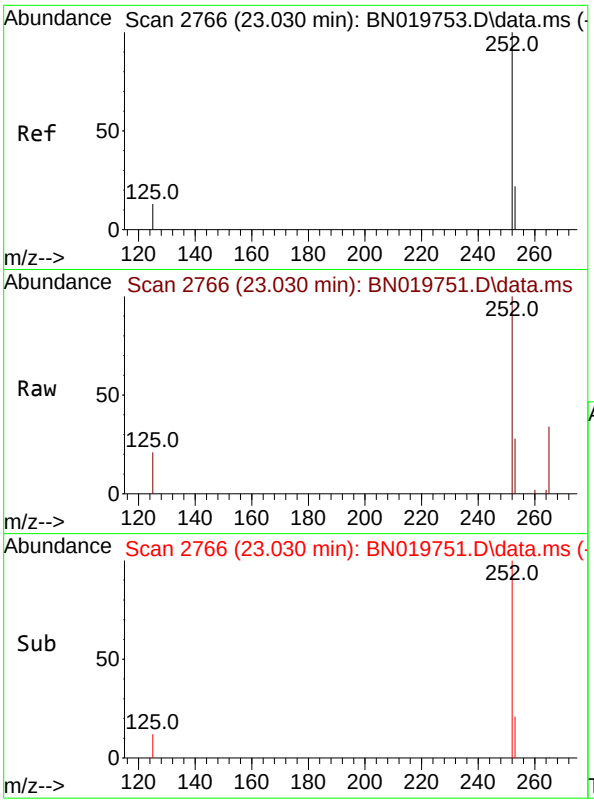


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.088 ng
RT: 26.147 min Scan# 3832
Delta R.T. -0.006 min
Lab File: BN019751.D
Acq: 12 May 2022 16:01

Tgt Ion:276 Resp: 5245

Ion	Ratio	Lower	Upper
276	100		
138	32.9	25.9	38.9
277	24.8	19.8	29.8



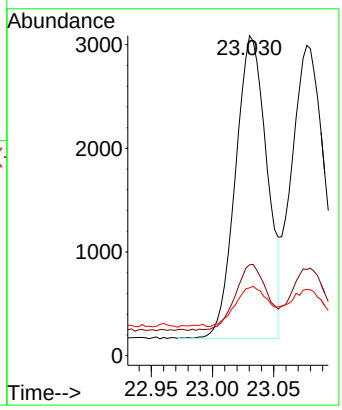


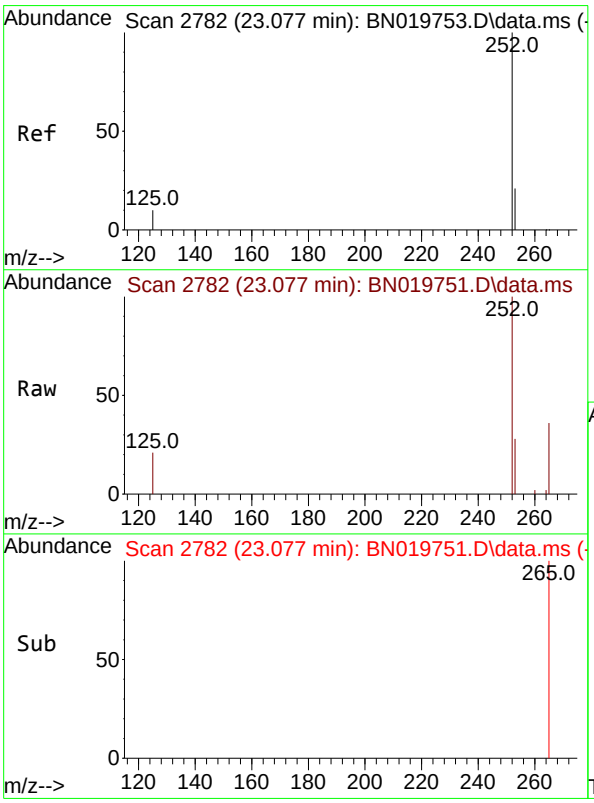
#37
Benzo(b)fluoranthene
Concen: 0.099 ng
RT: 23.030 min Scan# 2
Delta R.T. -0.006 min
Lab File: BN019751.D
Acq: 12 May 2022 16:01

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:252 Resp: 5207

Ion	Ratio	Lower	Upper
252	100		
253	28.4	18.5	27.7#
125	21.2	11.4	17.0#

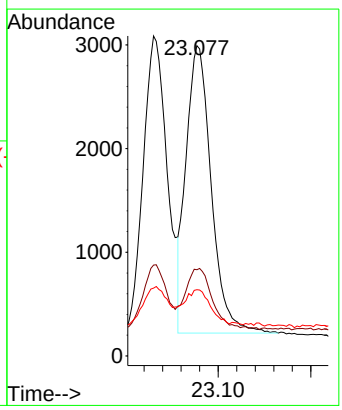


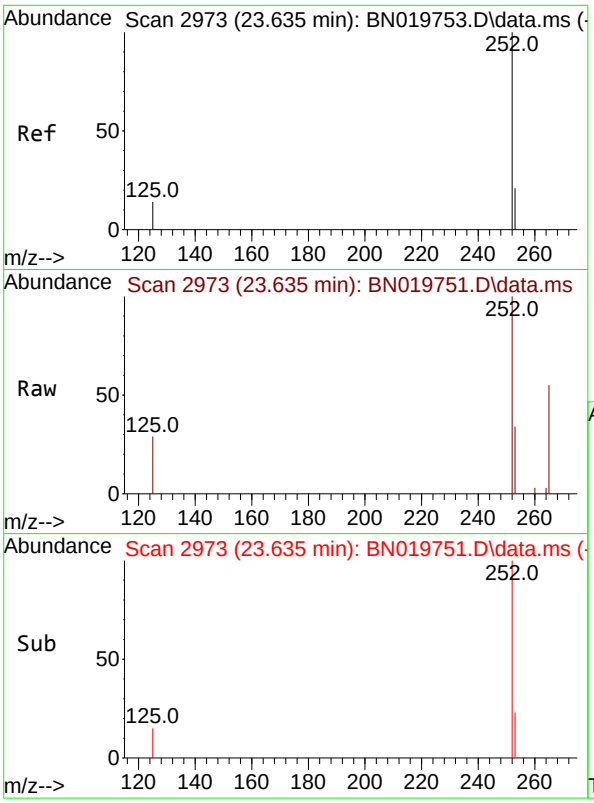


#38
Benzo(k)fluoranthene
Concen: 0.096 ng
RT: 23.077 min Scan# 2782
Delta R.T. -0.003 min
Lab File: BN019751.D
Acq: 12 May 2022 16:01

Tgt Ion:252 Resp: 5241

Ion	Ratio	Lower	Upper
252	100		
253	27.8	18.0	27.0#
125	21.3	11.0	16.4#



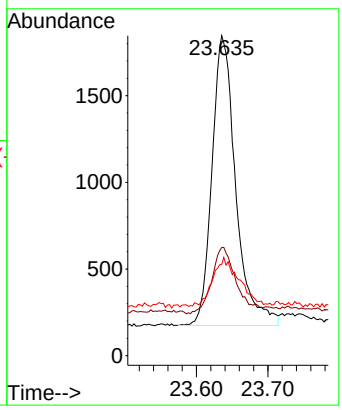


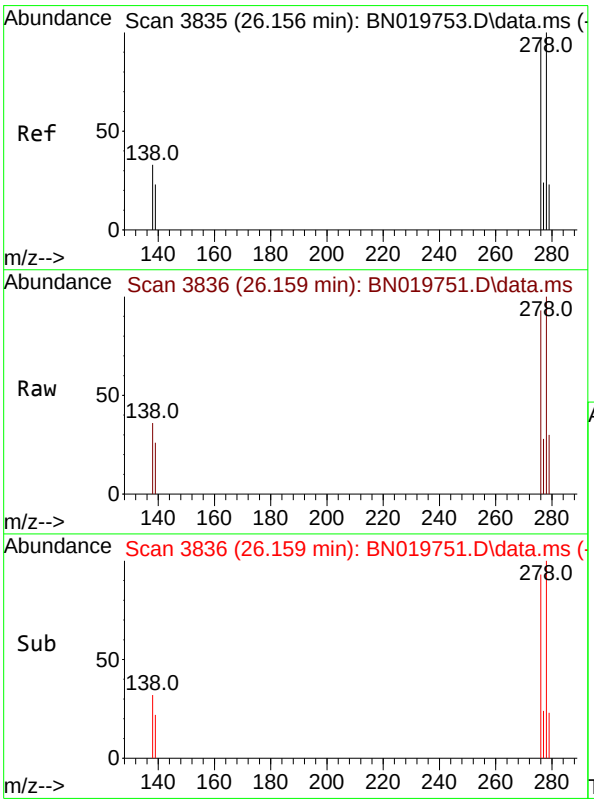
#39
Benzo(a)pyrene
Concen: 0.094 ng
RT: 23.635 min Scan# 2
Delta R.T. -0.006 min
Lab File: BN019751.D
Acq: 12 May 2022 16:01

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:252 Resp: 3855

Ion	Ratio	Lower	Upper
252	100		
253	33.8	19.0	28.4#
125	28.5	13.8	20.8#

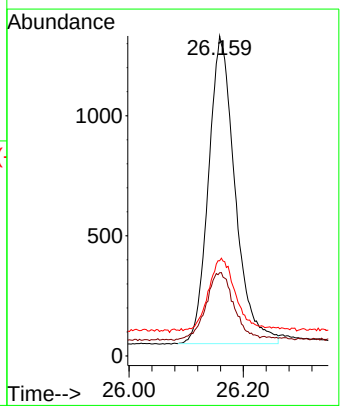


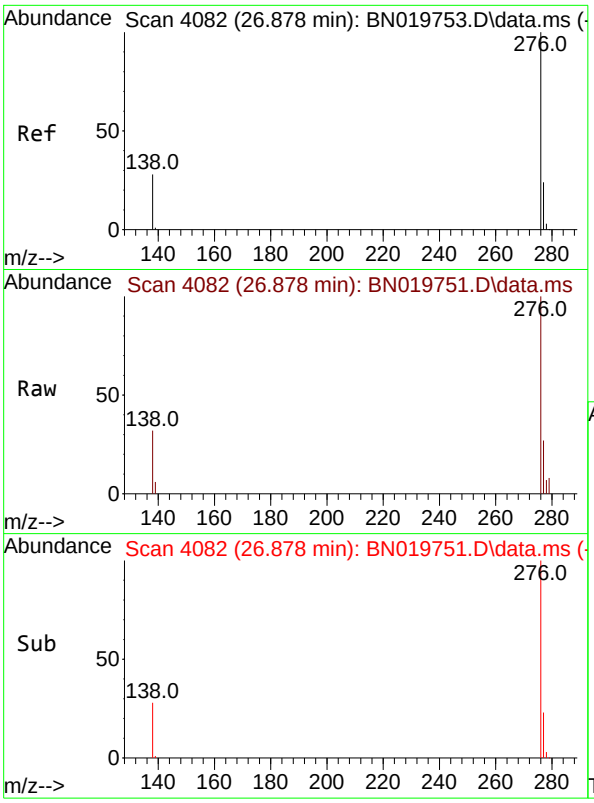


#40
Dibenzo(a,h)anthracene
Concen: 0.085 ng
RT: 26.159 min Scan# 3836
Delta R.T. -0.012 min
Lab File: BN019751.D
Acq: 12 May 2022 16:01

Tgt Ion:278 Resp: 4129

Ion	Ratio	Lower	Upper
278	100		
139	26.0	18.6	28.0
279	29.7	19.7	29.5#





#41
Benzo(g,h,i)perylene
Concen: 0.091 ng
RT: 26.878 min Scan# 4
Delta R.T. -0.009 min
Lab File: BN019751.D
Acq: 12 May 2022 16:01

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:276 Resp: 4613

Ion	Ratio	Lower	Upper
276	100		
277	26.7	19.5	29.3
138	31.7	22.6	34.0