Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051322\
Data File : BN019757.D
Acq On : 12 May 2022 19:37
Operator : CG/JU
Sample : SSTDICC5.0
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Quant Time: May 13 02:22:17 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	5112	0.400	ng		0.00
7) Naphthalene-d8	10.648	136	14274	0.400	ng		0.00
13) Acenaphthene-d10	14.474	164	8829	0.400	ng		0.00
19) Phenanthrene-d10	17.215	188	18550	0.400	ng		0.00
29) Chrysene-d12	21.395	240	17704	0.400	ng		0.00
35) Perylene-d12	23.738	264	13742	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.435	112	58399	5.050	ng		0.00
5) Phenol-d6	7.016	99	77510	5.323	ng		0.00
8) Nitrobenzene-d5	9.003	82	57688	4.837	ng		0.00
11) 2-Methylnaphthalene-d10	12.231	152	122999	5.034	ng		0.00
14) 2,4,6-Tribromophenol	15.954	330	20105	6.271	ng		-0.01
15) 2-Fluorobiphenyl	13.105	172	181043	4.545	ng		0.00
27) Fluoranthene-d10	19.244	212	273141	5.106	ng		0.00
31) Terphenyl-d14	19.843	244	187124	4.548	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.355	88	27120	4.159	ng		96
3) n-Nitrosodimethylamine	3.658	42	32863	4.907	ng	#	98
6) bis(2-Chloroethyl)ether	7.276	93	71378	4.554	ng		99
9) Naphthalene	10.690	128	208785	4.791	ng		99
10) Hexachlorobutadiene	10.989	225	36916	4.532	ng	#	100
12) 2-Methylnaphthalene	12.302	142	144565	4.949	ng		100
16) Acenaphthylene	14.196	152	232888	5.241	ng		98
17) Acenaphthene	14.538	154	151927	4.899	ng		97
18) Fluorene	15.521	166	188553	4.788	ng		99
20) 4,6-Dinitro-2-methylph...	15.596	198	23201	9.025	ng	#	81
21) 4-Bromophenyl-phenylether	16.405	248	57369	4.717	ng		99
22) Hexachlorobenzene	16.528	284	61216	4.436	ng		99
23) Atrazine	16.672	200	43965	5.899	ng		99
24) Pentachlorophenol	16.866	266	31124	7.471	ng		98
25) Phenanthrene	17.256	178	311742	4.744	ng		100
26) Anthracene	17.338	178	287219	5.289	ng		100
28) Fluoranthene	19.274	202	348899	4.976	ng		99
30) Pyrene	19.636	202	355954	4.727	ng		100
32) Benzo(a)anthracene	21.386	228	338393	5.283	ng		99
33) Chrysene	21.431	228	338983	4.536	ng		98
34) Bis(2-ethylhexyl)phtha...	21.324	149	157036	5.454	ng		100
36) Indeno(1,2,3-cd)pyrene	26.144	276	325339	4.676	ng		100
37) Benzo(b)fluoranthene	23.030	252	304092	4.927	ng		96
38) Benzo(k)fluoranthene	23.074	252	311421	4.856	ng		98
39) Benzo(a)pyrene	23.635	252	251838	5.277	ng	#	94
40) Dibenzo(a,h)anthracene	26.158	278	262152	4.605	ng		97
41) Benzo(g,h,i)perylene	26.875	276	269748	4.547	ng		99

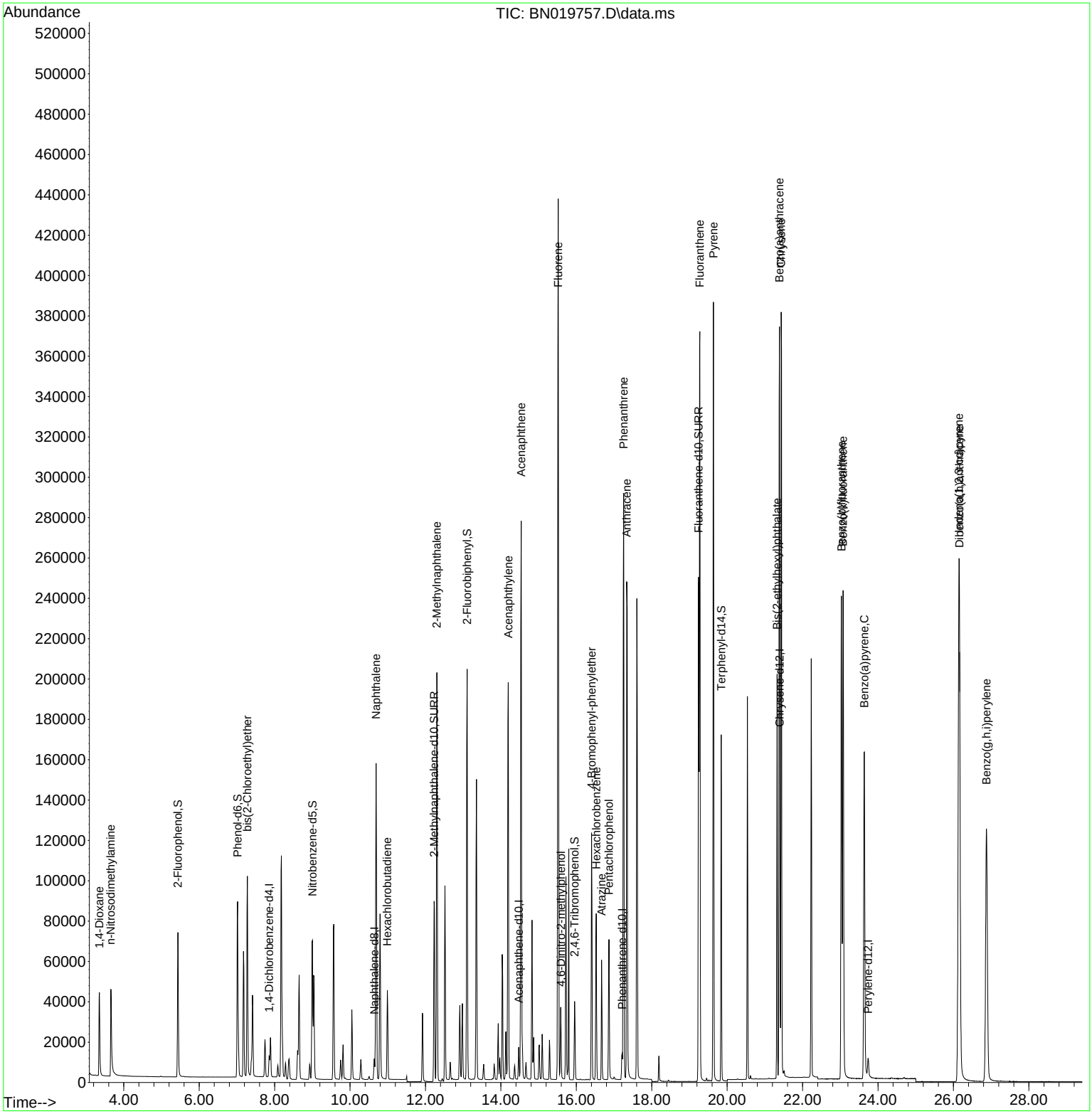
(#) = qualifier out of range (m) = manual integration (+) = signals summed

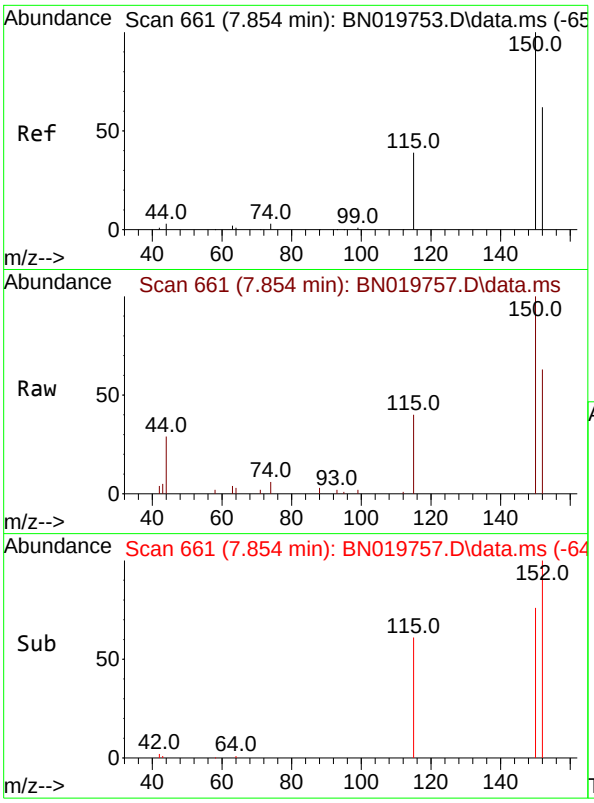
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051322\
Data File : BN019757.D
Acq On : 12 May 2022 19:37
Operator : CG/JU
Sample : SSTDICC5.0
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Quant Time: May 13 02:22:17 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



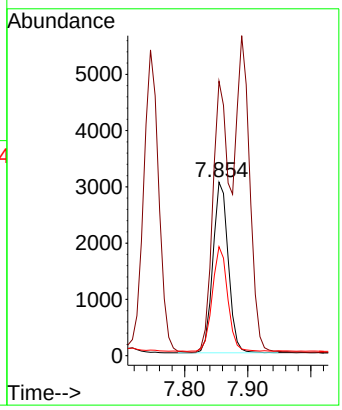


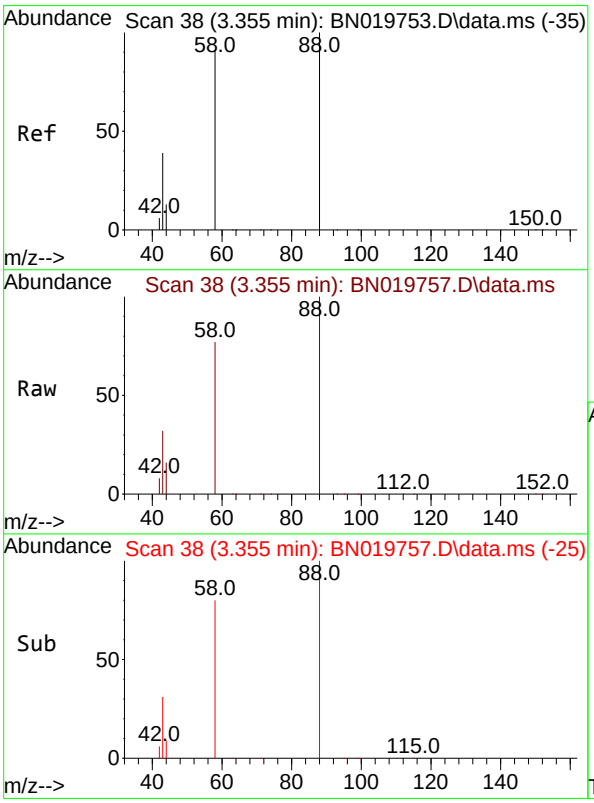
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.854 min Scan# 6
Delta R.T. -0.008 min
Lab File: BN019757.D
Acq: 12 May 2022 19:37

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion:152 Resp: 5112

Ion	Ratio	Lower	Upper
152	100		
150	158.2	127.9	191.9
115	62.8	51.4	77.2

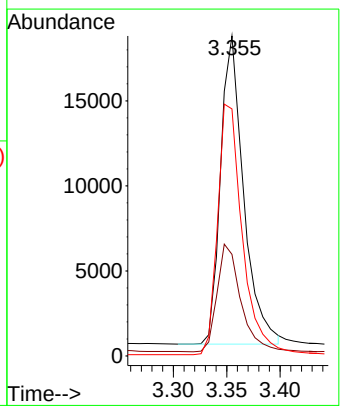


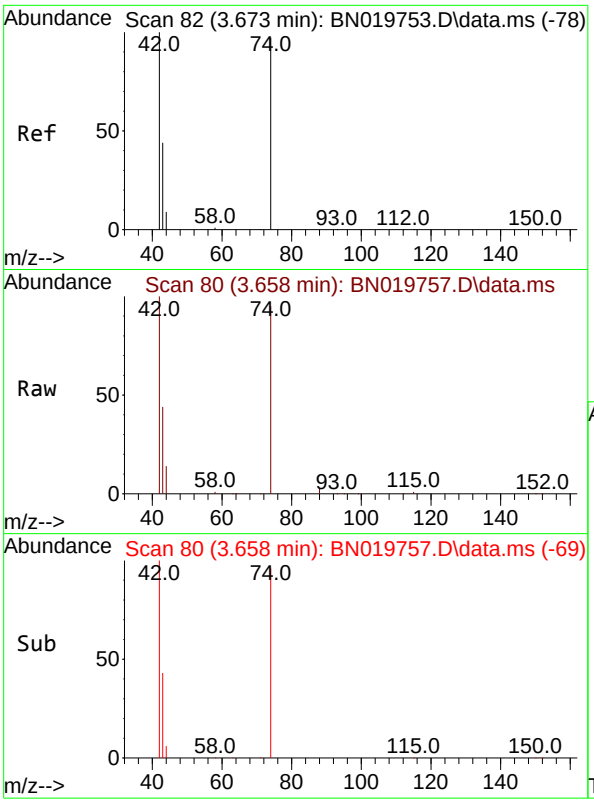


#2
1,4-Dioxane
Concen: 4.159 ng
RT: 3.355 min Scan# 38
Delta R.T. -0.007 min
Lab File: BN019757.D
Acq: 12 May 2022 19:37

Tgt Ion: 88 Resp: 27120

Ion	Ratio	Lower	Upper
88	100		
43	35.8	30.2	45.2
58	86.7	73.0	109.6



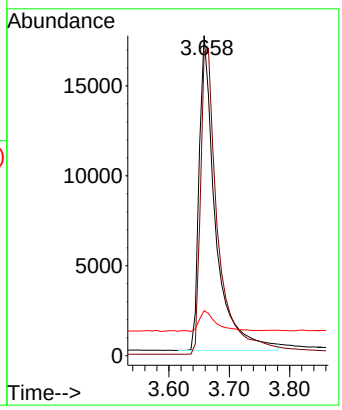


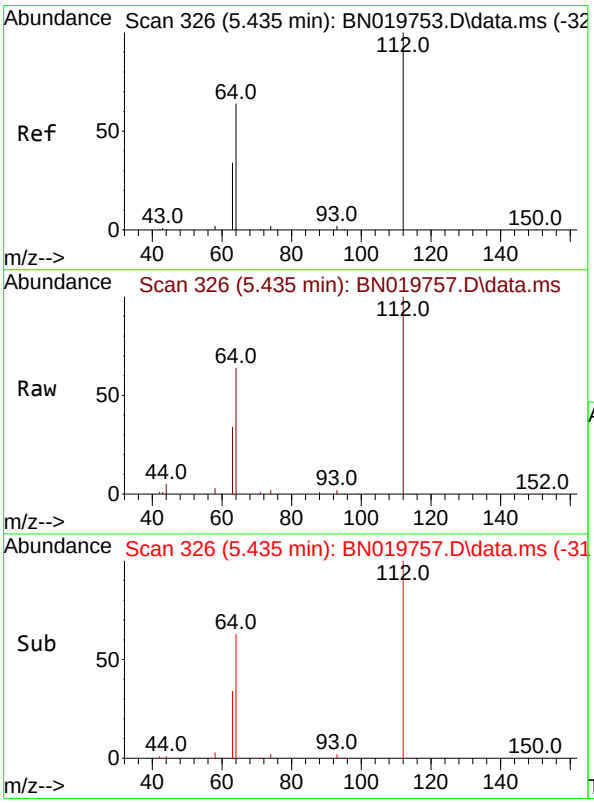
#3
n-Nitrosodimethylamine
Concen: 4.907 ng
RT: 3.658 min Scan# 8
Delta R.T. -0.022 min
Lab File: BN019757.D
Acq: 12 May 2022 19:37

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion: 42 Resp: 32863

Ion	Ratio	Lower	Upper
42	100		
74	104.4	84.0	126.0
44	6.8	9.8	14.8#

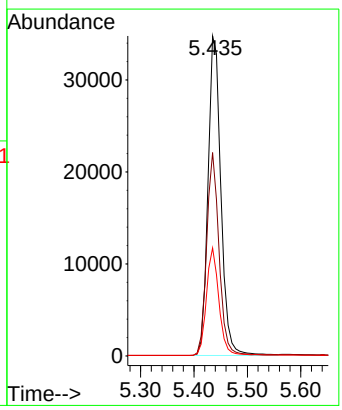


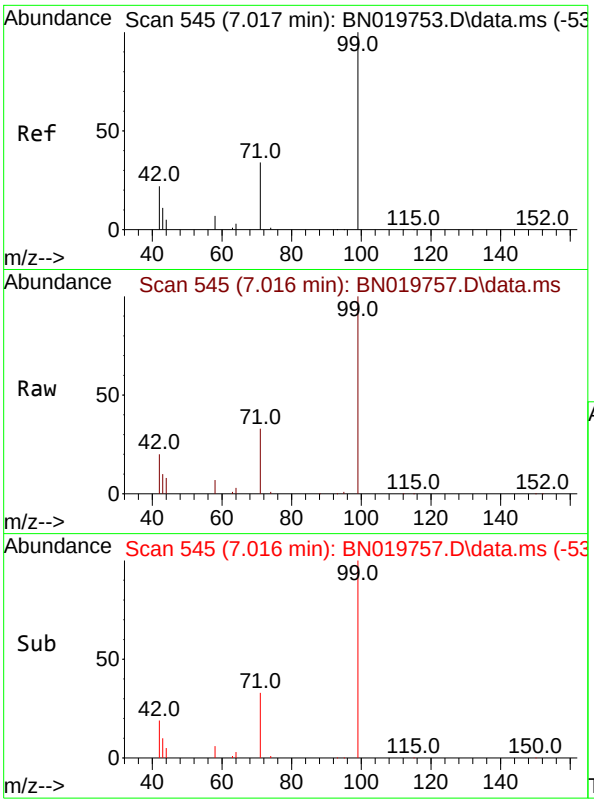


#4
2-Fluorophenol
Concen: 5.050 ng
RT: 5.435 min Scan# 326
Delta R.T. -0.007 min
Lab File: BN019757.D
Acq: 12 May 2022 19:37

Tgt Ion:112 Resp: 58399

Ion	Ratio	Lower	Upper
112	100		
64	61.2	49.1	73.7
63	32.6	26.3	39.5



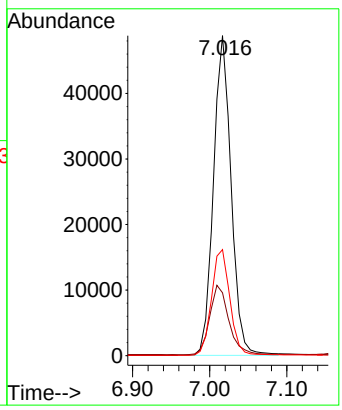


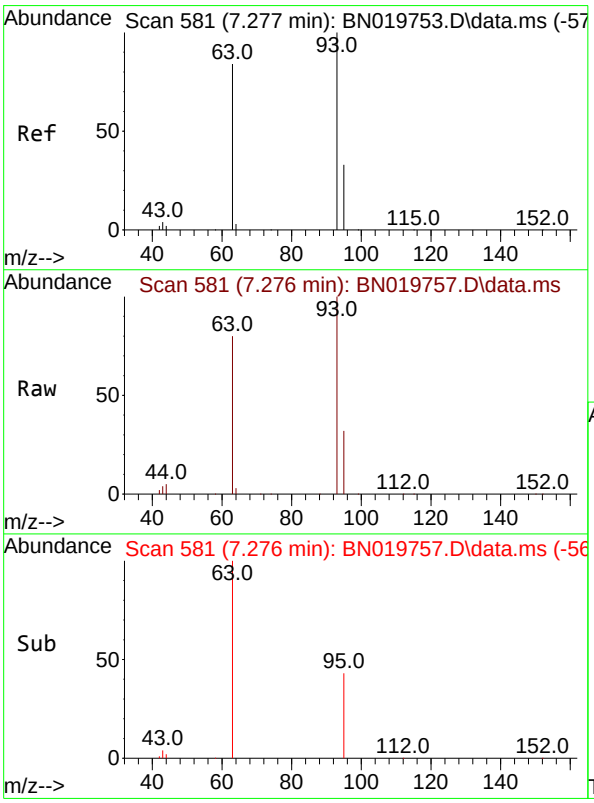
#5
Phenol-d6
Concen: 5.323 ng
RT: 7.016 min Scan# 54
Delta R.T. -0.007 min
Lab File: BN019757.D
Acq: 12 May 2022 19:37

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion: 99 Resp: 77510

Ion	Ratio	Lower	Upper
99	100		
42	23.4	19.3	28.9
71	34.4	27.5	41.3

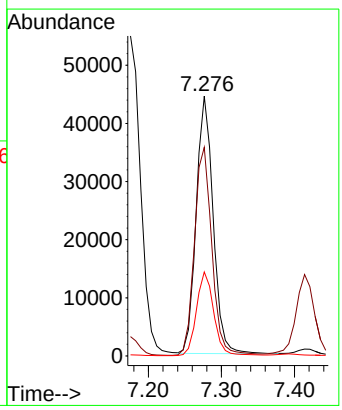


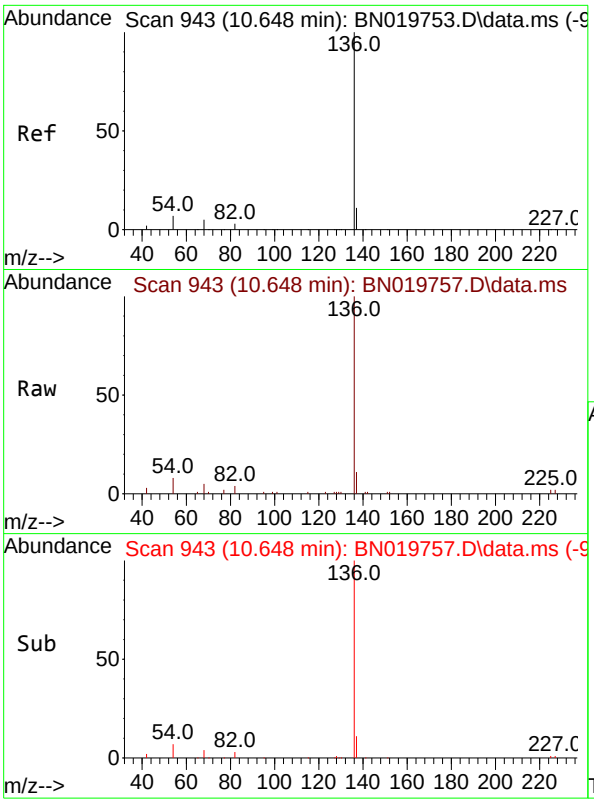


#6
bis(2-Chloroethyl)ether
Concen: 4.554 ng
RT: 7.276 min Scan# 581
Delta R.T. -0.007 min
Lab File: BN019757.D
Acq: 12 May 2022 19:37

Tgt Ion: 93 Resp: 71378

Ion	Ratio	Lower	Upper
93	100		
63	83.0	67.4	101.0
95	33.0	26.5	39.7



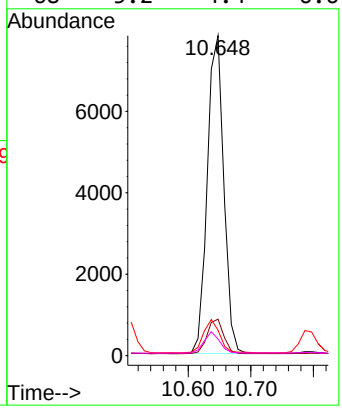


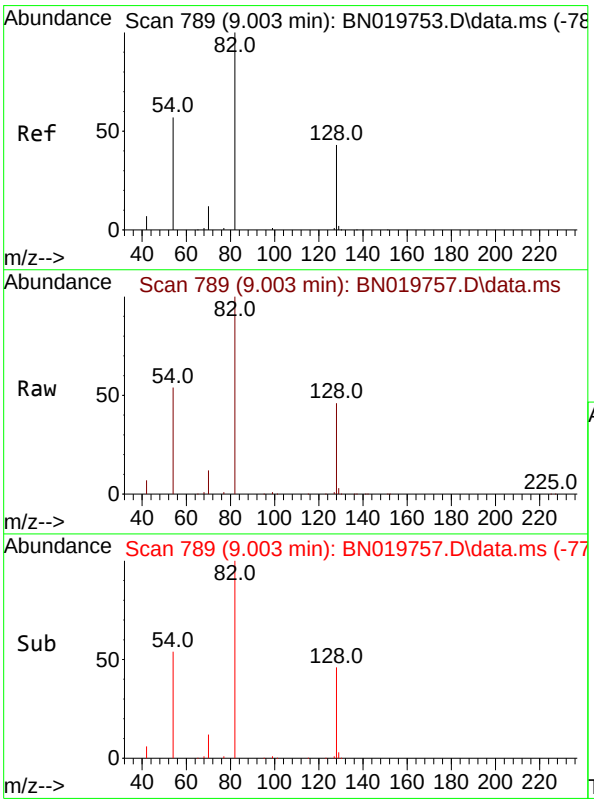
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.648 min Scan# 94
Delta R.T. -0.000 min
Lab File: BN019757.D
Acq: 12 May 2022 19:37

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion:136 Resp: 14274

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.0	13.6
54	8.0	6.2	9.2
68	5.2	4.4	6.6

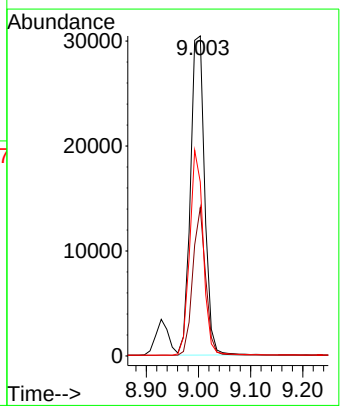


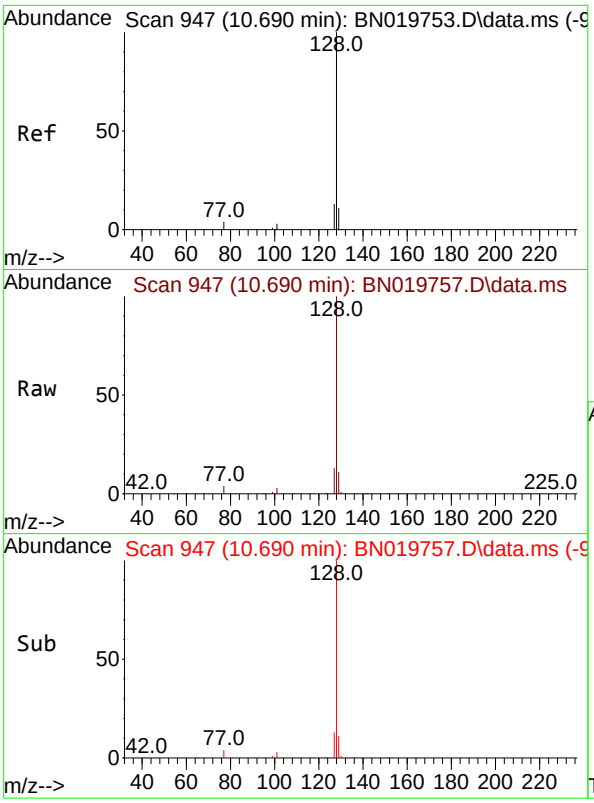


#8
Nitrobenzene-d5
Concen: 4.837 ng
RT: 9.003 min Scan# 789
Delta R.T. -0.000 min
Lab File: BN019757.D
Acq: 12 May 2022 19:37

Tgt Ion: 82 Resp: 57688

Ion	Ratio	Lower	Upper
82	100		
128	46.4	35.0	52.6
54	54.4	46.2	69.4



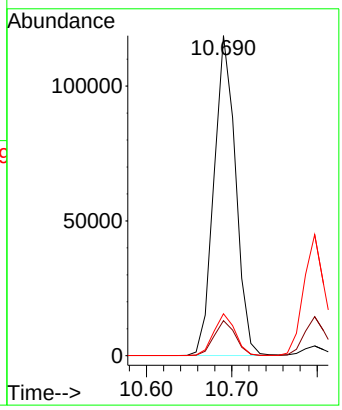


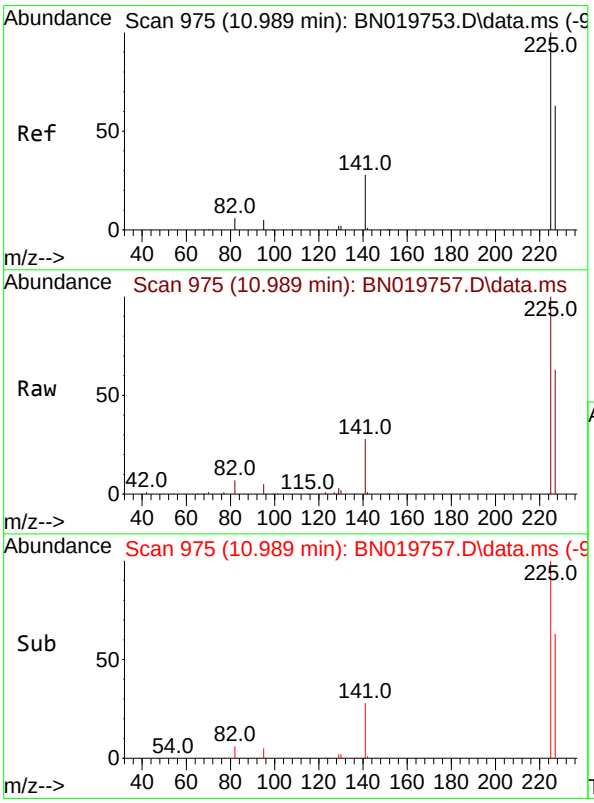
#9
Naphthalene
Concen: 4.791 ng
RT: 10.690 min Scan# 94
Delta R.T. -0.011 min
Lab File: BN019757.D
Acq: 12 May 2022 19:37

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion:128 Resp: 208785

Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.9	13.3
127	13.1	10.8	16.2

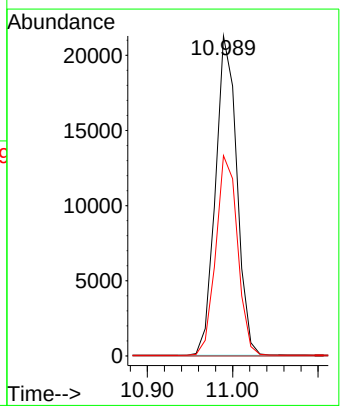


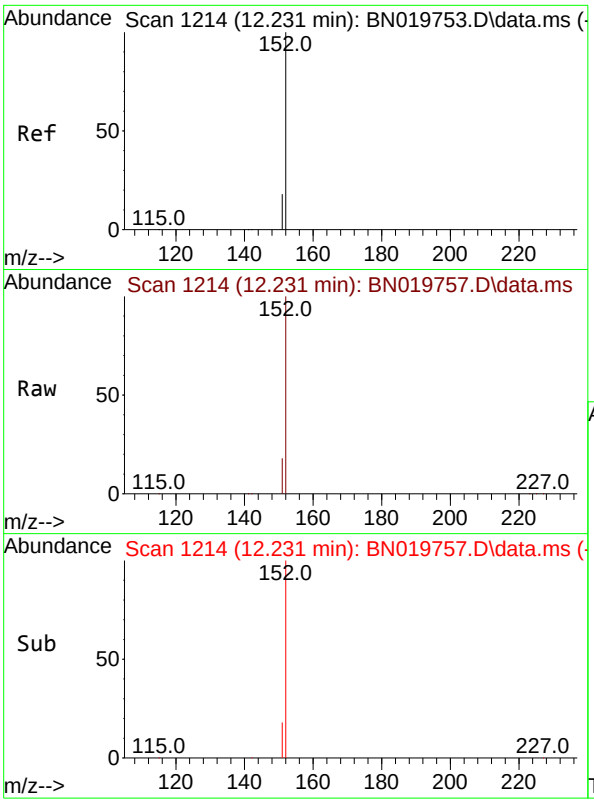


#10
Hexachlorobutadiene
Concen: 4.532 ng
RT: 10.989 min Scan# 975
Delta R.T. -0.011 min
Lab File: BN019757.D
Acq: 12 May 2022 19:37

Tgt Ion:225 Resp: 36916

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.5	50.9	76.3



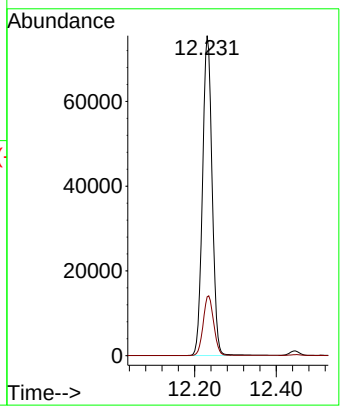


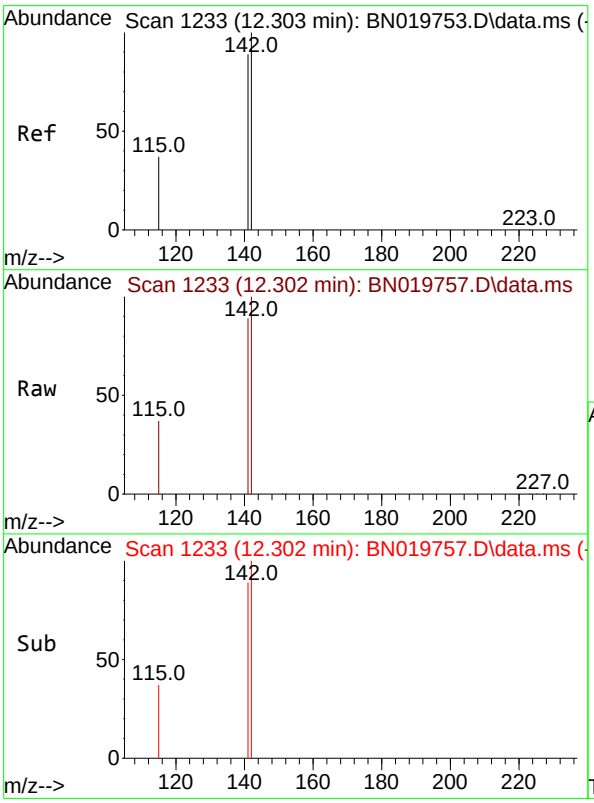
#11
2-Methylnaphthalene-d10
Concen: 5.034 ng
RT: 12.231 min Scan# 1
Delta R.T. -0.004 min
Lab File: BN019757.D
Acq: 12 May 2022 19:37

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion:152 Resp: 122999

Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.2	24.4

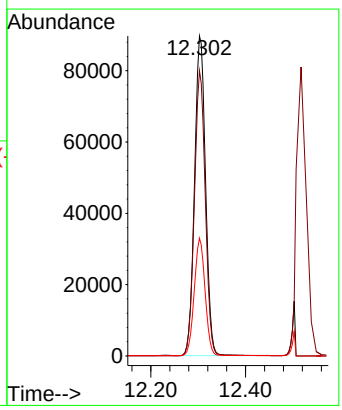


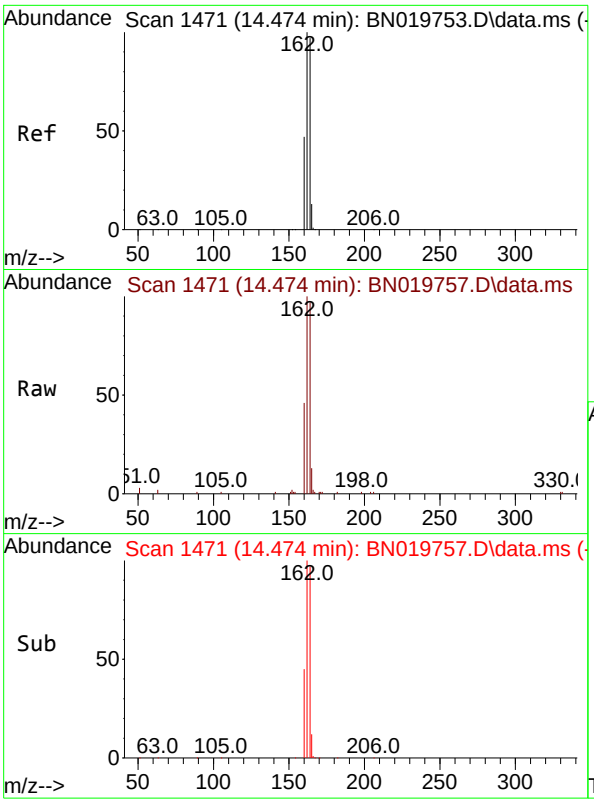


#12
2-Methylnaphthalene
Concen: 4.949 ng
RT: 12.302 min Scan# 1233
Delta R.T. -0.008 min
Lab File: BN019757.D
Acq: 12 May 2022 19:37

Tgt Ion:142 Resp: 144565

Ion	Ratio	Lower	Upper
142	100		
141	89.2	71.6	107.4
115	36.8	29.8	44.8



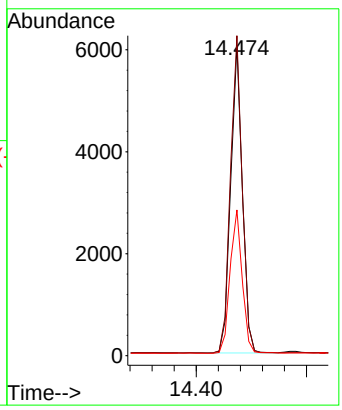


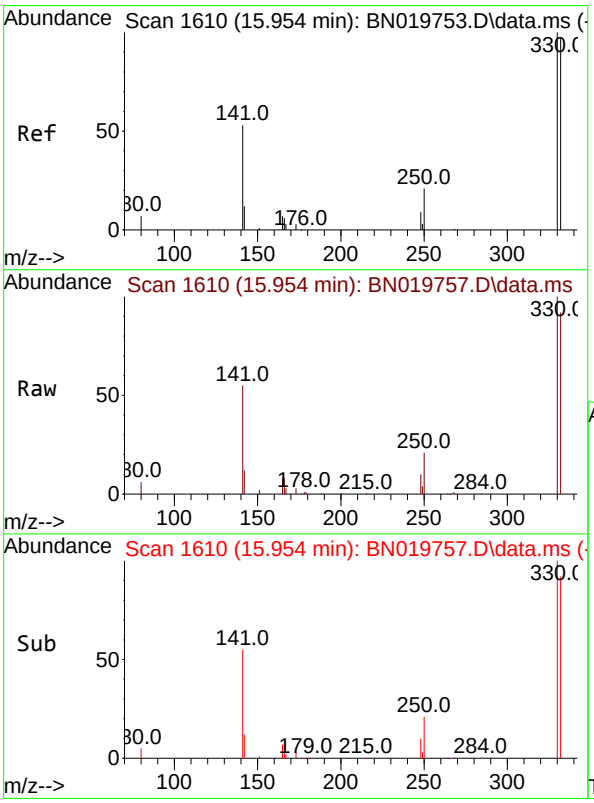
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.474 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN019757.D
Acq: 12 May 2022 19:37

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion:164 Resp: 8829

Ion	Ratio	Lower	Upper
164	100		
162	103.1	82.1	123.1
160	46.9	38.6	58.0

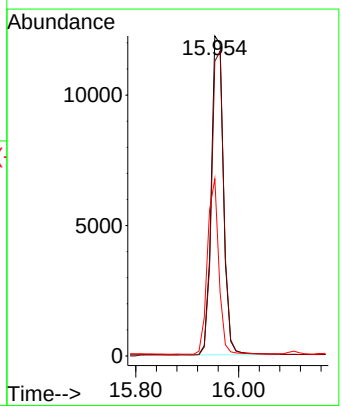


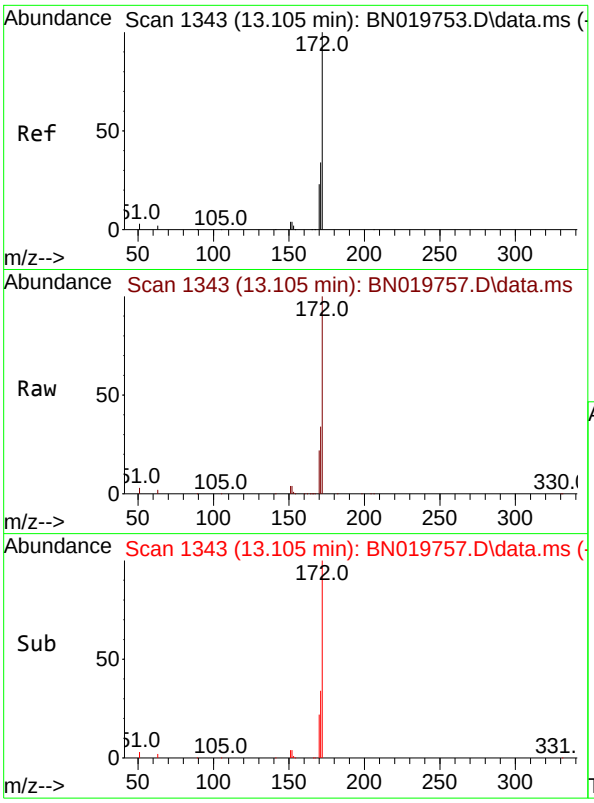


#14
2,4,6-Tribromophenol
Concen: 6.271 ng
RT: 15.954 min Scan# 1610
Delta R.T. -0.010 min
Lab File: BN019757.D
Acq: 12 May 2022 19:37

Tgt Ion:330 Resp: 20105

Ion	Ratio	Lower	Upper
330	100		
332	95.9	77.6	116.4
141	51.1	41.0	61.4



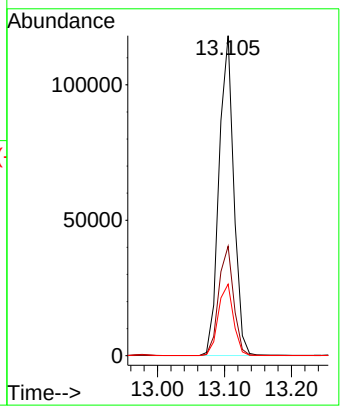


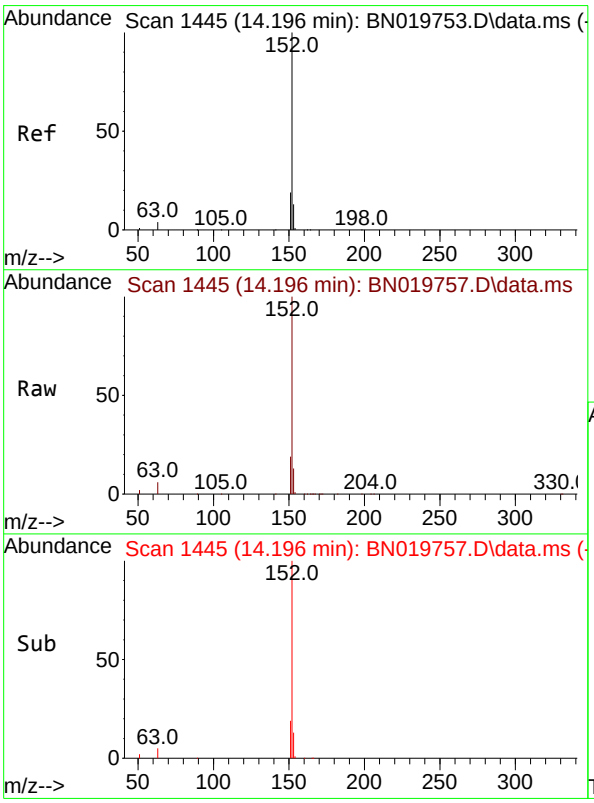
#15
2-Fluorobiphenyl
Concen: 4.545 ng
RT: 13.105 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN019757.D
Acq: 12 May 2022 19:37

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion:172 Resp: 181043

Ion	Ratio	Lower	Upper
172	100		
171	34.2	27.2	40.8
170	22.4	18.2	27.4

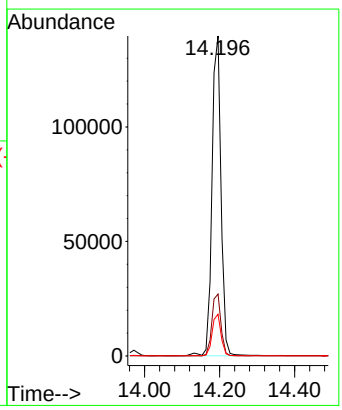


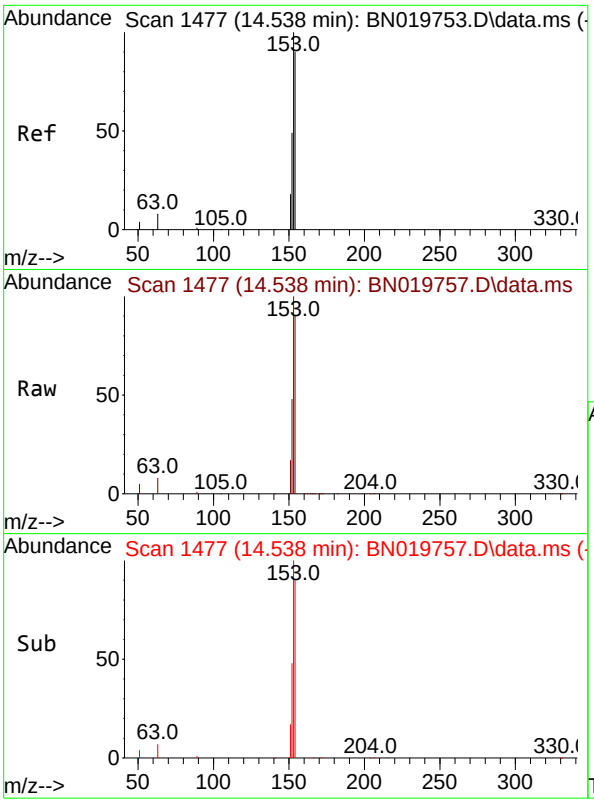


#16
Acenaphthylene
Concen: 5.241 ng
RT: 14.196 min Scan# 1445
Delta R.T. -0.000 min
Lab File: BN019757.D
Acq: 12 May 2022 19:37

Tgt Ion:152 Resp: 232888

Ion	Ratio	Lower	Upper
152	100		
151	19.4	16.2	24.4
153	12.9	10.7	16.1



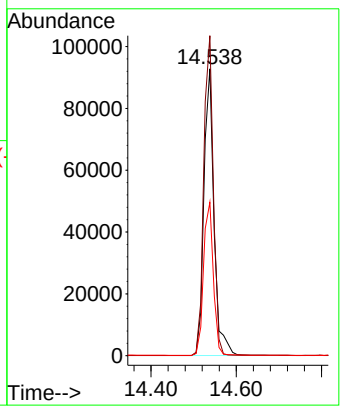


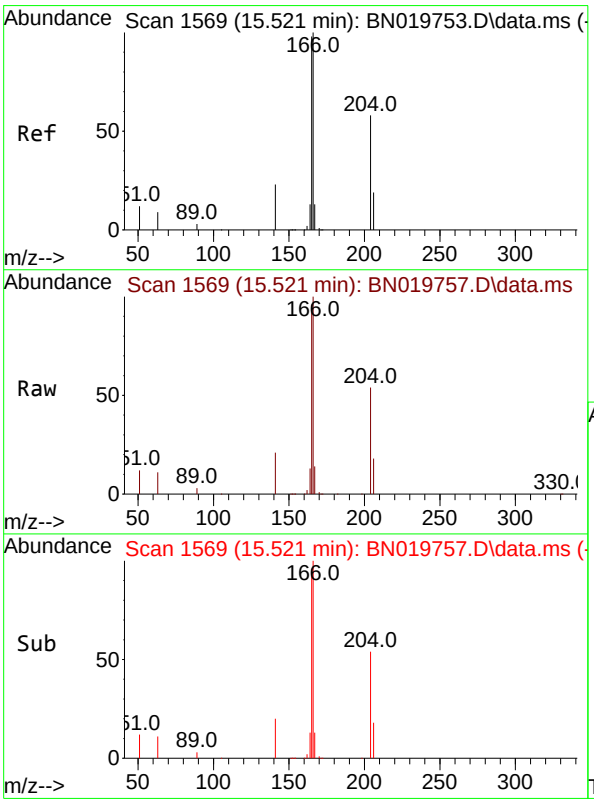
#17
Acenaphthene
Concen: 4.899 ng
RT: 14.538 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN019757.D
Acq: 12 May 2022 19:37

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion:154 Resp: 151927

Ion	Ratio	Lower	Upper
154	100		
153	106.2	87.5	131.3
152	52.0	43.8	65.6

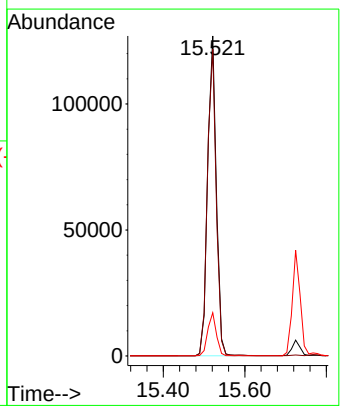


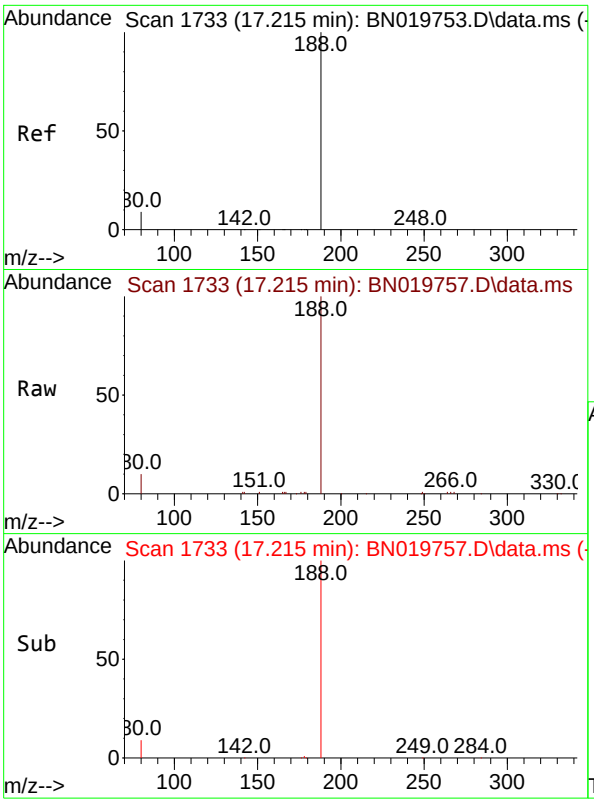


#18
Fluorene
Concen: 4.788 ng
RT: 15.521 min Scan# 1569
Delta R.T. -0.000 min
Lab File: BN019757.D
Acq: 12 May 2022 19:37

Tgt Ion:166 Resp: 188553

Ion	Ratio	Lower	Upper
166	100		
165	97.3	78.6	118.0
167	13.4	10.8	16.2



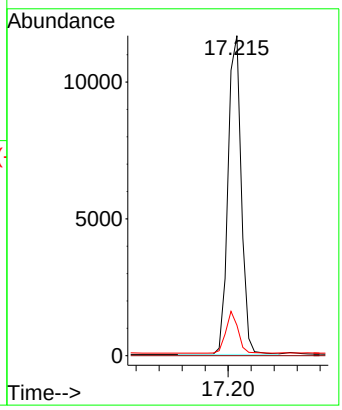


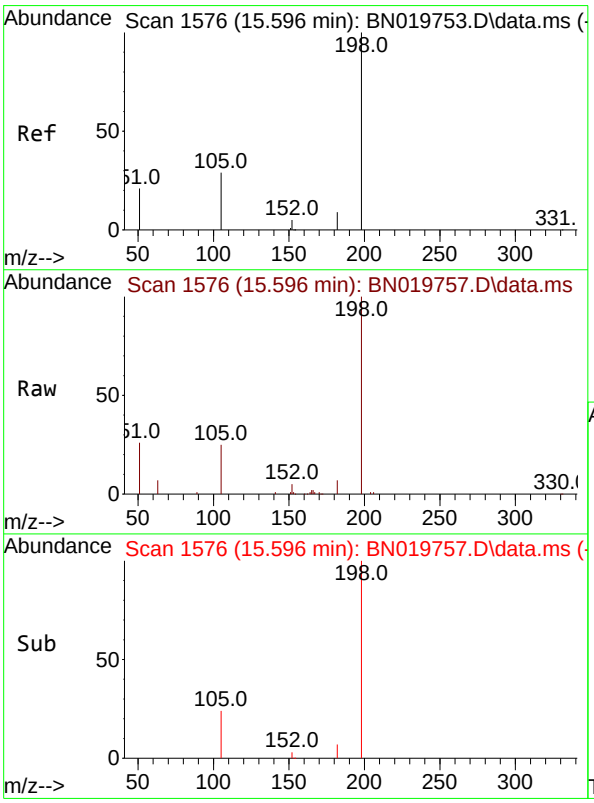
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.215 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN019757.D
Acq: 12 May 2022 19:37

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion:188 Resp: 18550

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.5	7.4	11.2

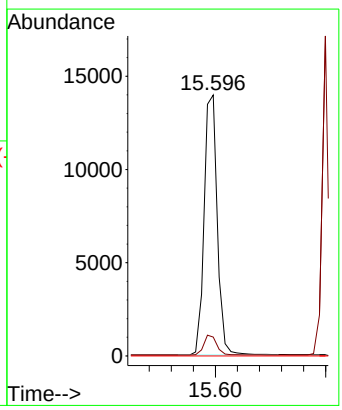


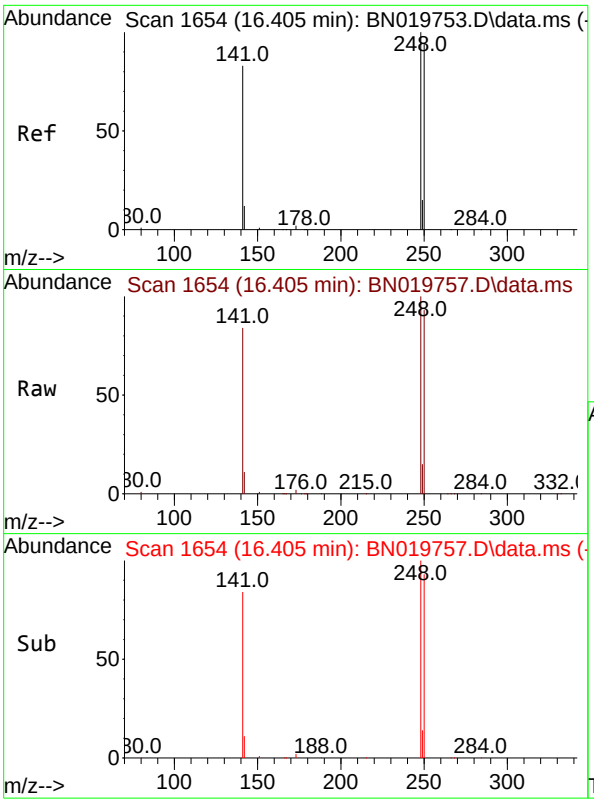


#20
4,6-Dinitro-2-methylphenol
Concen: 9.025 ng
RT: 15.596 min Scan# 1576
Delta R.T. 0.000 min
Lab File: BN019757.D
Acq: 12 May 2022 19:37

Tgt Ion:198 Resp: 23201

Ion	Ratio	Lower	Upper
198	100		
182	7.2	12.1	18.1#
77	0.0	0.0	0.0



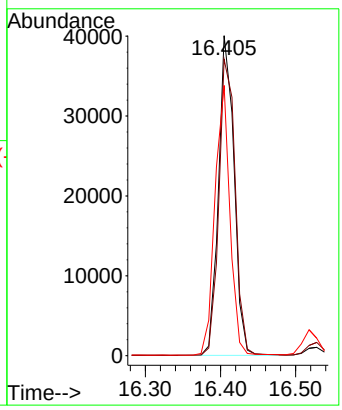


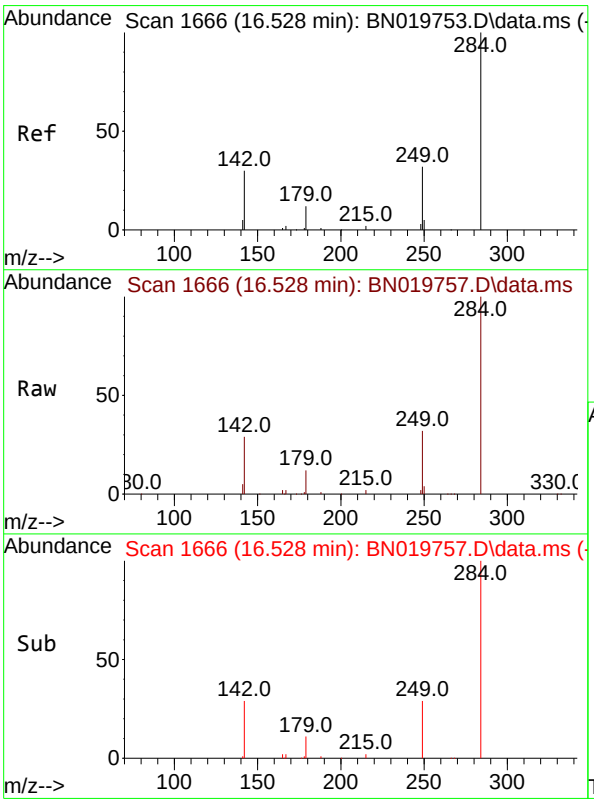
#21
4-Bromophenyl-phenylether
Concen: 4.717 ng
RT: 16.405 min Scan# 1
Delta R.T. -0.010 min
Lab File: BN019757.D
Acq: 12 May 2022 19:37

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion:248 Resp: 57369

Ion	Ratio	Lower	Upper
248	100		
250	92.6	75.3	112.9
141	84.5	67.3	100.9

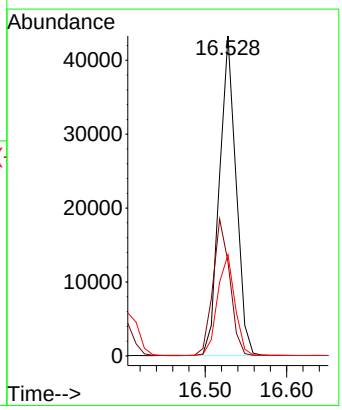


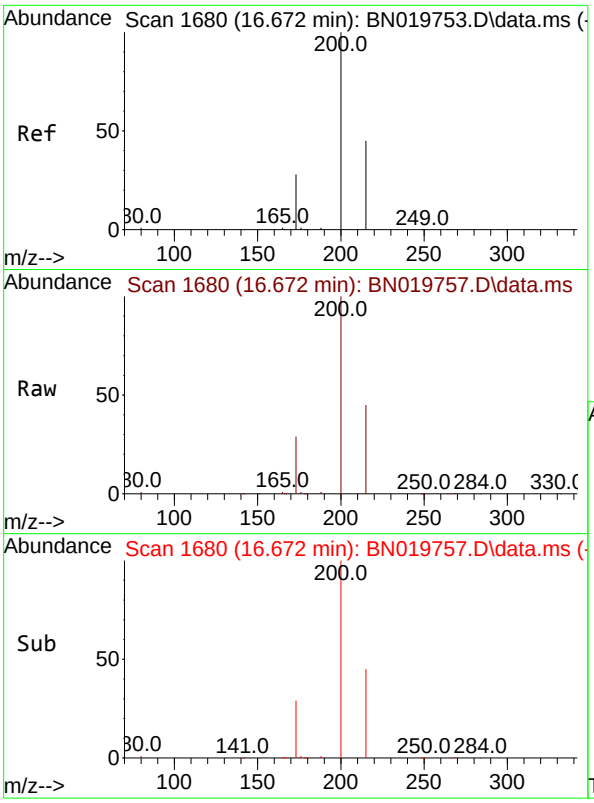


#22
Hexachlorobenzene
Concen: 4.436 ng
RT: 16.528 min Scan# 1666
Delta R.T. -0.000 min
Lab File: BN019757.D
Acq: 12 May 2022 19:37

Tgt Ion:284 Resp: 61216

Ion	Ratio	Lower	Upper
284	100		
142	43.4	35.2	52.8
249	32.8	26.6	40.0



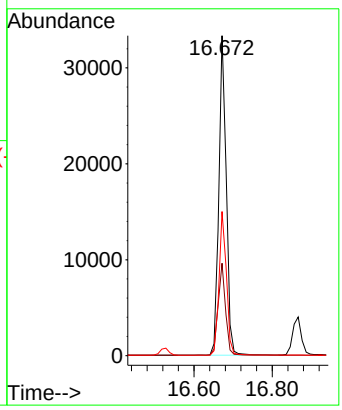


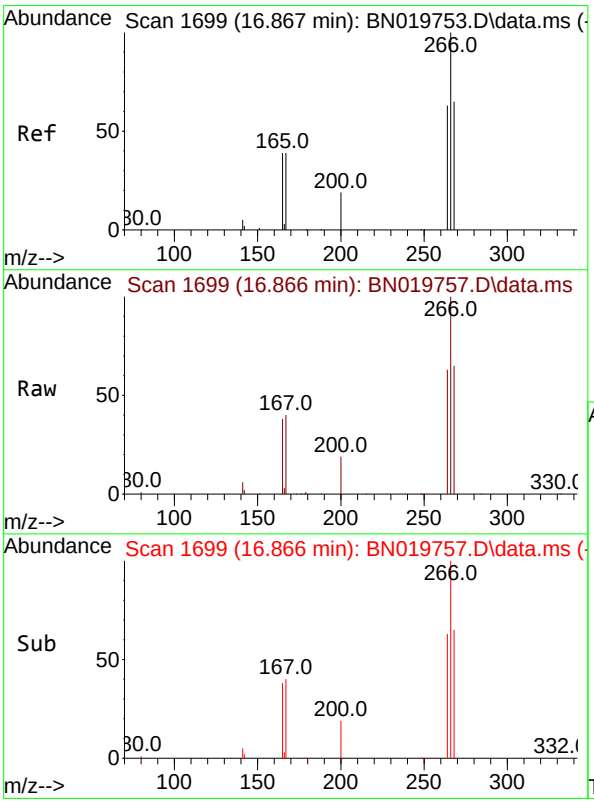
#23
Atrazine
Concen: 5.899 ng
RT: 16.672 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN019757.D
Acq: 12 May 2022 19:37

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion:200 Resp: 43965

Ion	Ratio	Lower	Upper
200	100		
173	28.9	23.6	35.4
215	45.1	36.6	54.8

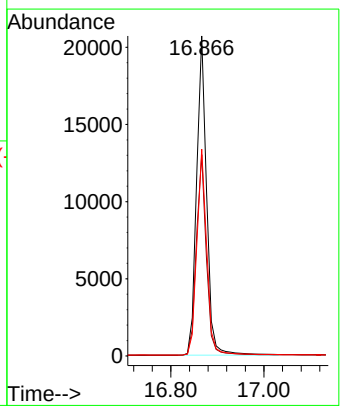


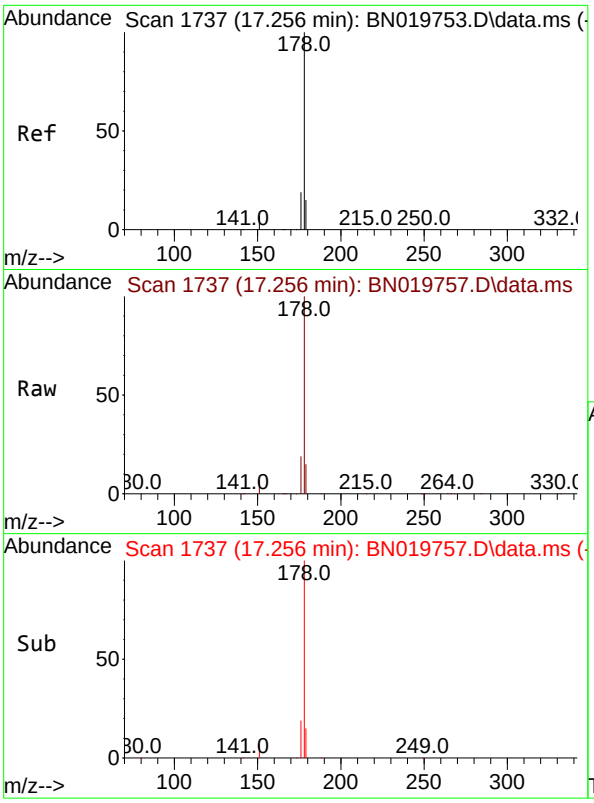


#24
Pentachlorophenol
Concen: 7.471 ng
RT: 16.866 min Scan# 1699
Delta R.T. -0.001 min
Lab File: BN019757.D
Acq: 12 May 2022 19:37

Tgt Ion:266 Resp: 31124

Ion	Ratio	Lower	Upper
266	100		
264	63.1	51.3	76.9
268	64.0	52.6	79.0



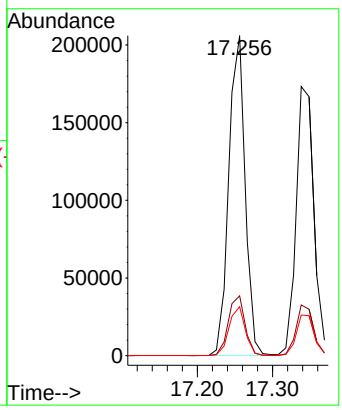


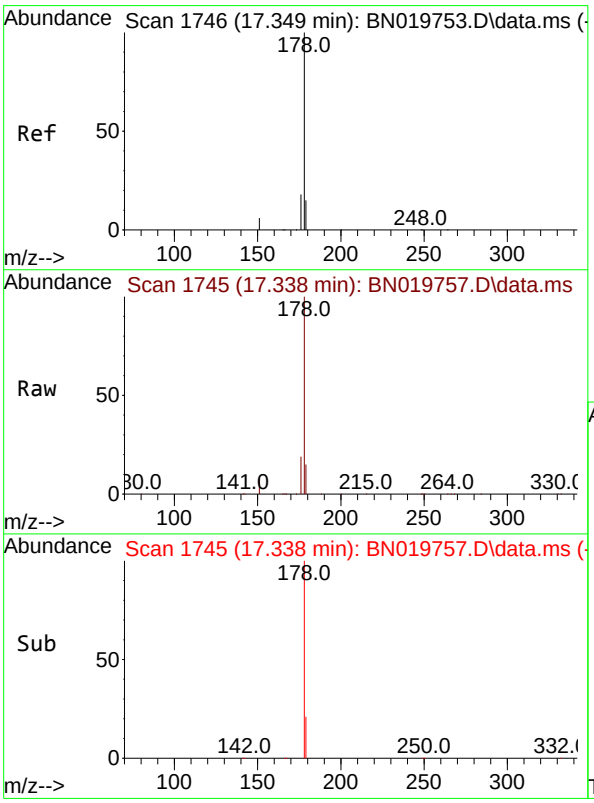
#25
Phenanthrene
Concen: 4.744 ng
RT: 17.256 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN019757.D
Acq: 12 May 2022 19:37

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion:178 Resp: 311742

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.3	22.9
179	15.2	12.2	18.4

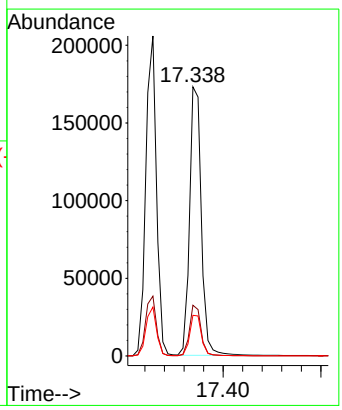


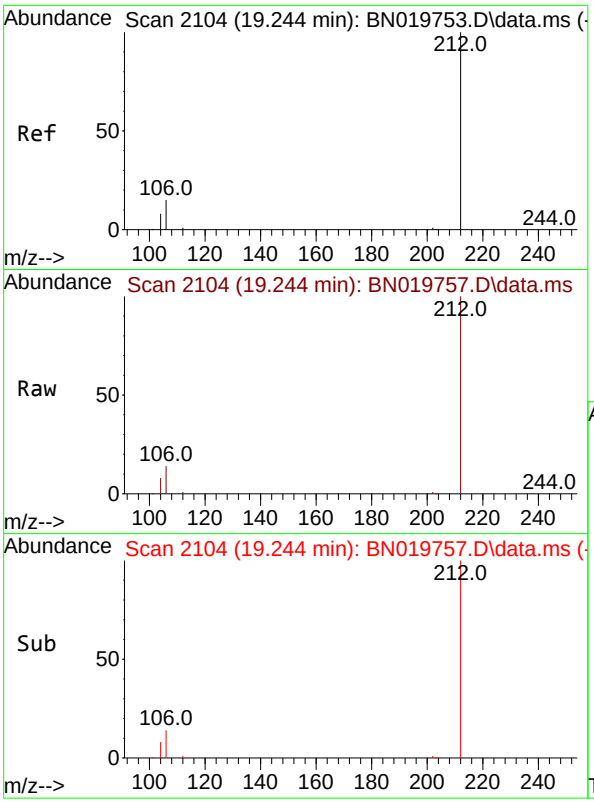


#26
Anthracene
Concen: 5.289 ng
RT: 17.338 min Scan# 1745
Delta R.T. -0.010 min
Lab File: BN019757.D
Acq: 12 May 2022 19:37

Tgt Ion:178 Resp: 287219

Ion	Ratio	Lower	Upper
178	100		
176	18.4	14.9	22.3
179	15.2	12.2	18.4



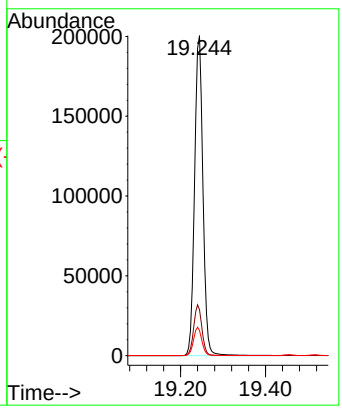


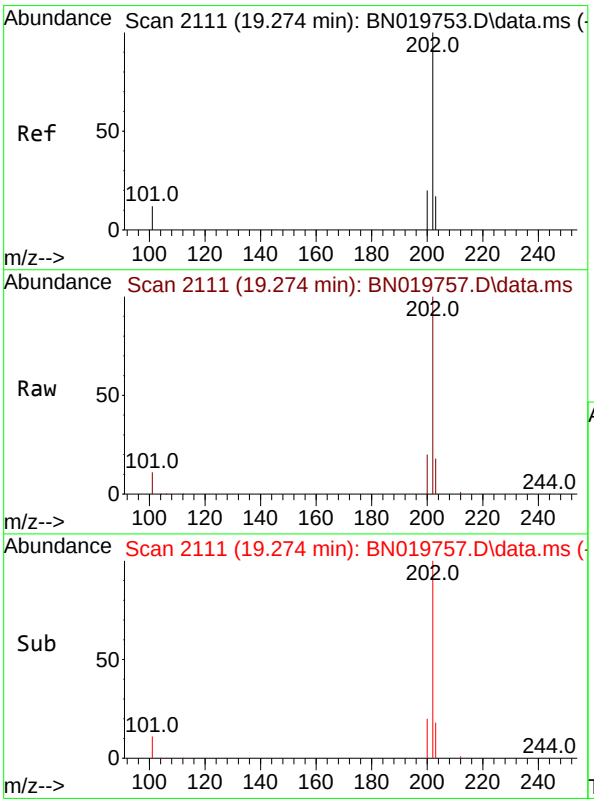
#27
Fluoranthene-d10
Concen: 5.106 ng
RT: 19.244 min Scan# 21
Delta R.T. -0.004 min
Lab File: BN019757.D
Acq: 12 May 2022 19:37

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion:212 Resp: 273141

Ion	Ratio	Lower	Upper
212	100		
106	15.7	12.6	19.0
104	8.8	7.2	10.8

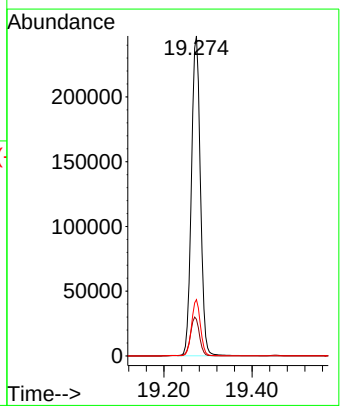


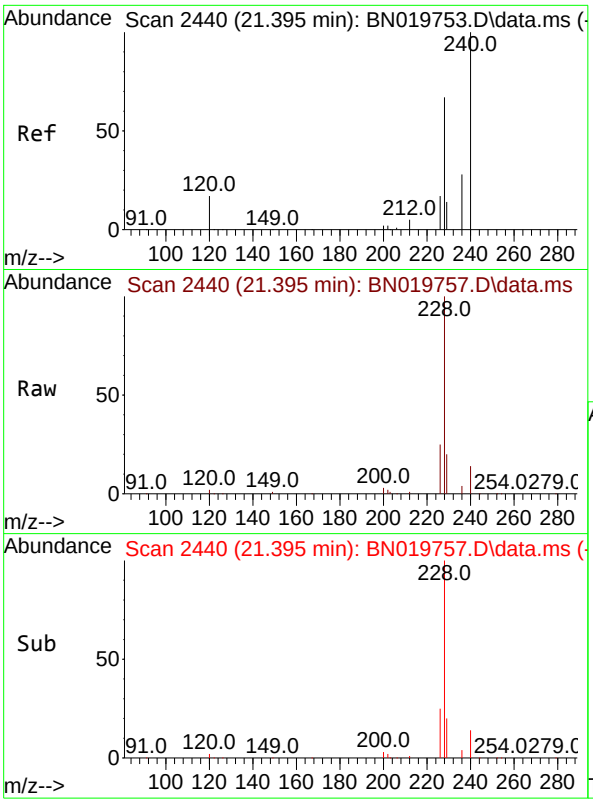


#28
Fluoranthene
Concen: 4.976 ng
RT: 19.274 min Scan# 2111
Delta R.T. -0.004 min
Lab File: BN019757.D
Acq: 12 May 2022 19:37

Tgt Ion:202 Resp: 348899

Ion	Ratio	Lower	Upper
202	100		
101	12.3	9.6	14.4
203	17.3	13.5	20.3



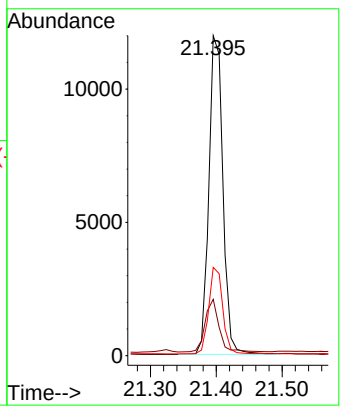


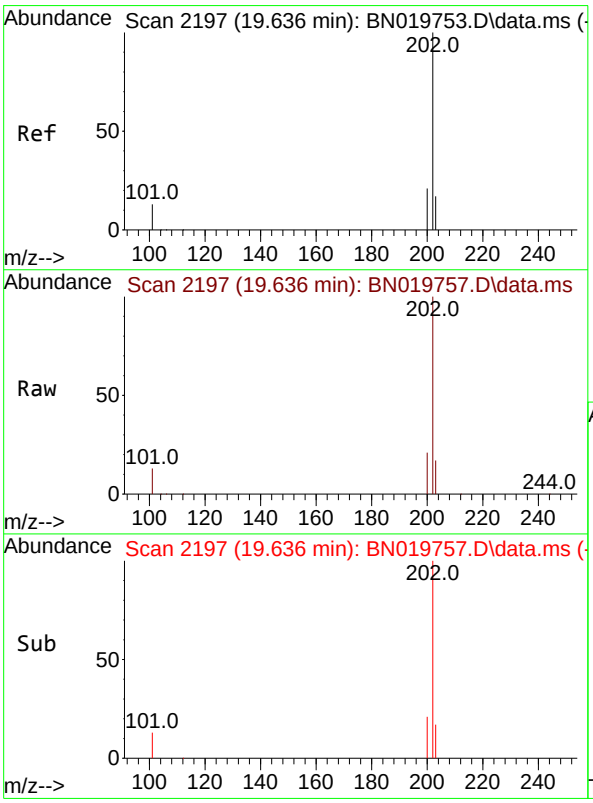
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.395 min Scan# 24
Delta R.T. -0.009 min
Lab File: BN019757.D
Acq: 12 May 2022 19:37

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion:240 Resp: 17704

Ion	Ratio	Lower	Upper
240	100		
120	17.6	14.6	21.8
236	27.6	22.6	33.8

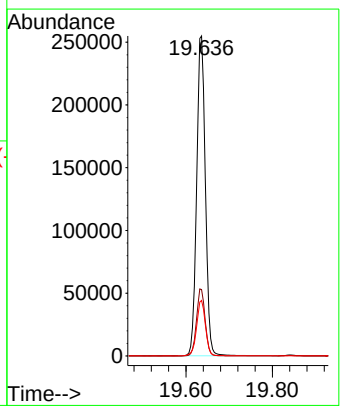


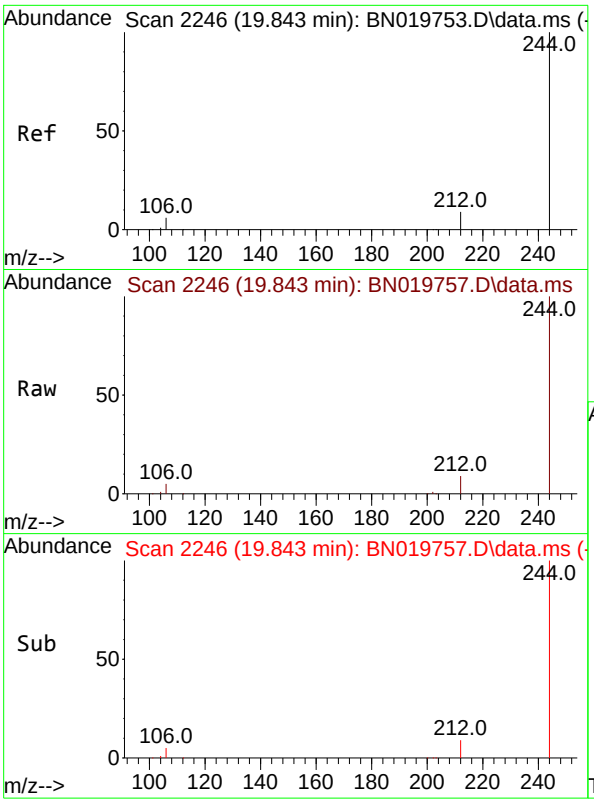


#30
Pyrene
Concen: 4.727 ng
RT: 19.636 min Scan# 2197
Delta R.T. -0.004 min
Lab File: BN019757.D
Acq: 12 May 2022 19:37

Tgt Ion:202 Resp: 355954

Ion	Ratio	Lower	Upper
202	100		
200	20.8	16.6	25.0
203	17.6	14.2	21.2



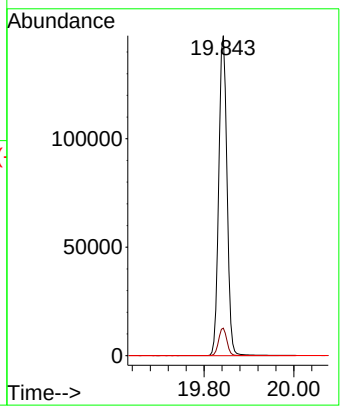


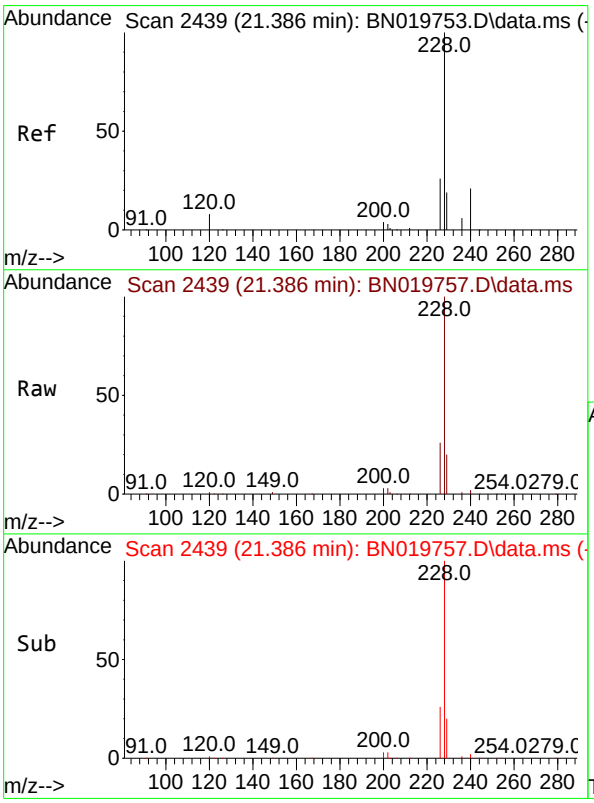
#31
Terphenyl-d14
Concen: 4.548 ng
RT: 19.843 min Scan# 2
Delta R.T. -0.004 min
Lab File: BN019757.D
Acq: 12 May 2022 19:37

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion:244 Resp: 187124

Ion	Ratio	Lower	Upper
244	100		
212	8.6	7.1	10.7
122	0.0	0.0	0.0

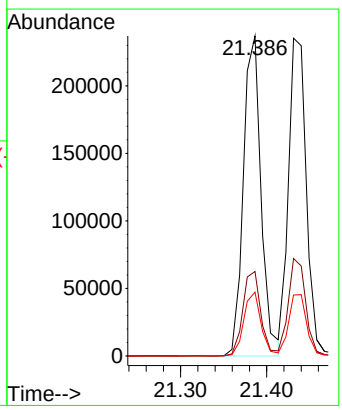


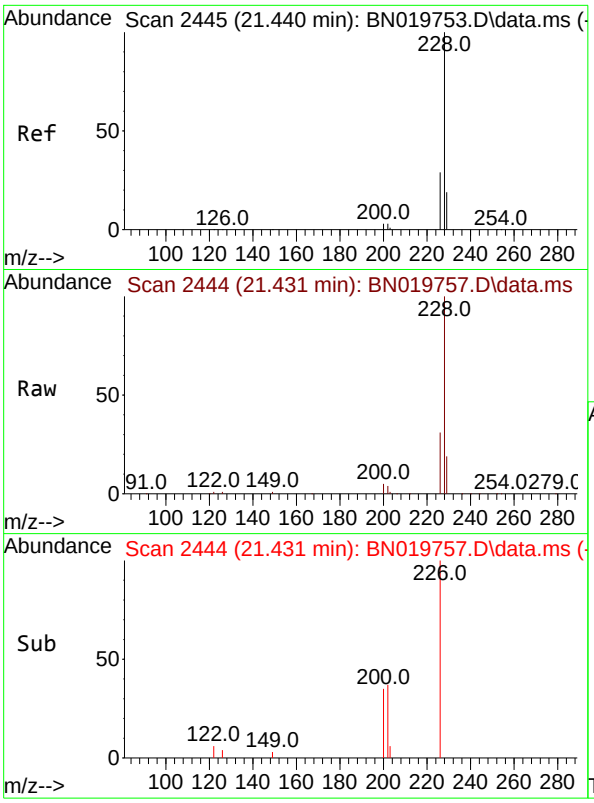


#32
Benzo(a)anthracene
Concen: 5.283 ng
RT: 21.386 min Scan# 2439
Delta R.T. -0.000 min
Lab File: BN019757.D
Acq: 12 May 2022 19:37

Tgt Ion:228 Resp: 338393

Ion	Ratio	Lower	Upper
228	100		
226	26.4	21.2	31.8
229	20.0	15.6	23.4



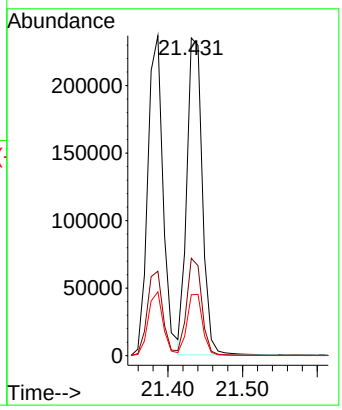


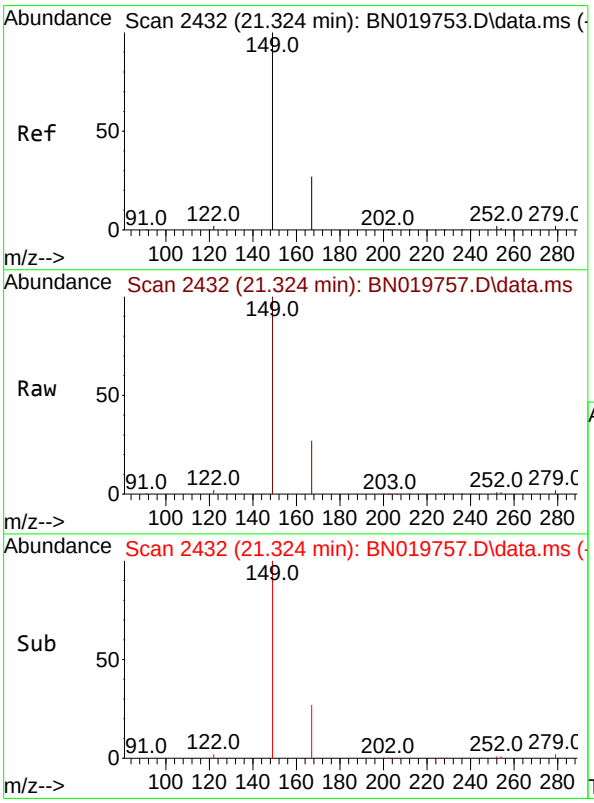
#33
Chrysene
Concen: 4.536 ng
RT: 21.431 min Scan# 24
Delta R.T. -0.009 min
Lab File: BN019757.D
Acq: 12 May 2022 19:37

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion:228 Resp: 338983

Ion	Ratio	Lower	Upper
228	100		
226	30.7	23.4	35.0
229	19.2	15.7	23.5

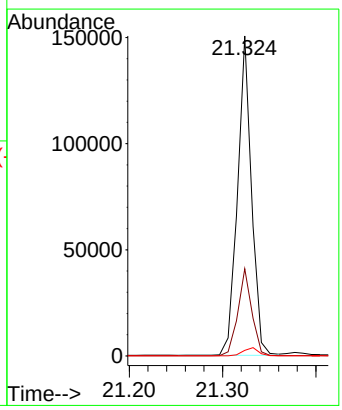


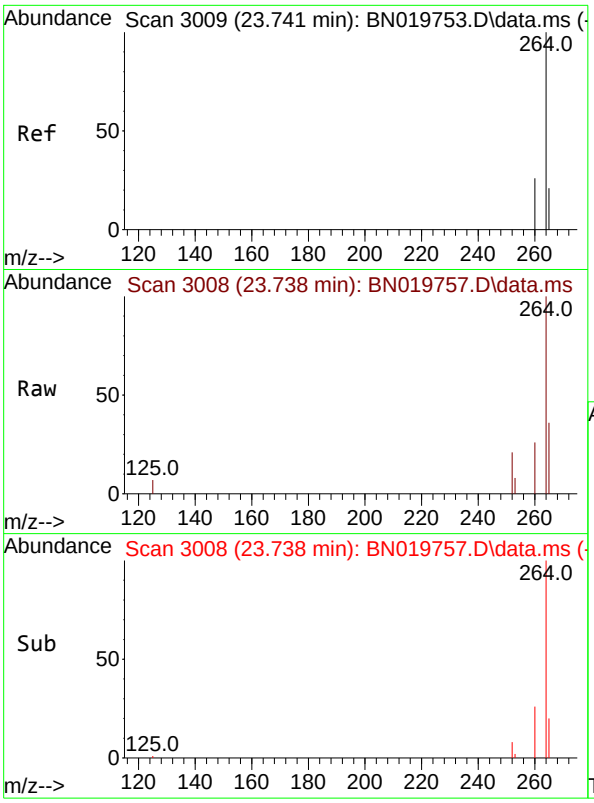


#34
Bis(2-ethylhexyl)phthalate
Concen: 5.454 ng
RT: 21.324 min Scan# 2432
Delta R.T. -0.000 min
Lab File: BN019757.D
Acq: 12 May 2022 19:37

Tgt Ion:149 Resp: 157036

Ion	Ratio	Lower	Upper
149	100		
167	27.2	21.7	32.5
279	2.8	2.2	3.2



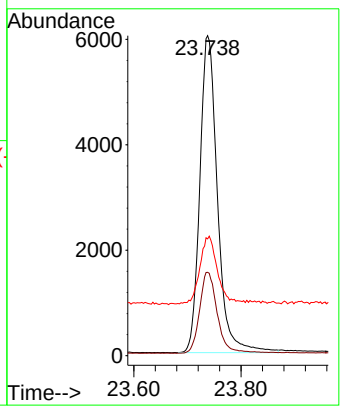


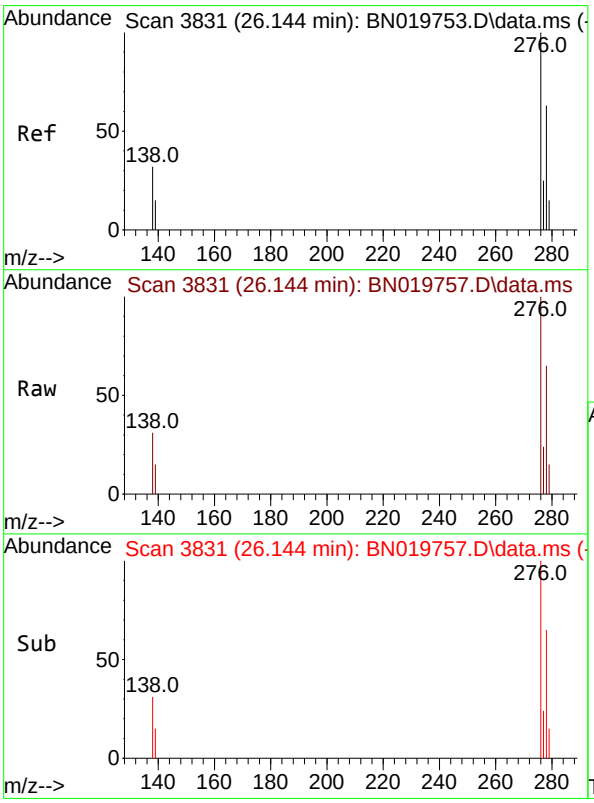
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.738 min Scan# 3
Delta R.T. -0.003 min
Lab File: BN019757.D
Acq: 12 May 2022 19:37

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion:264 Resp: 13742

Ion	Ratio	Lower	Upper
264	100		
260	26.1	20.9	31.3
265	36.5	28.0	42.0

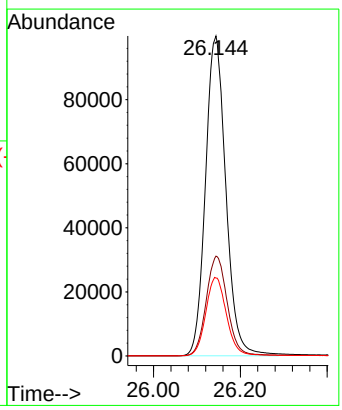


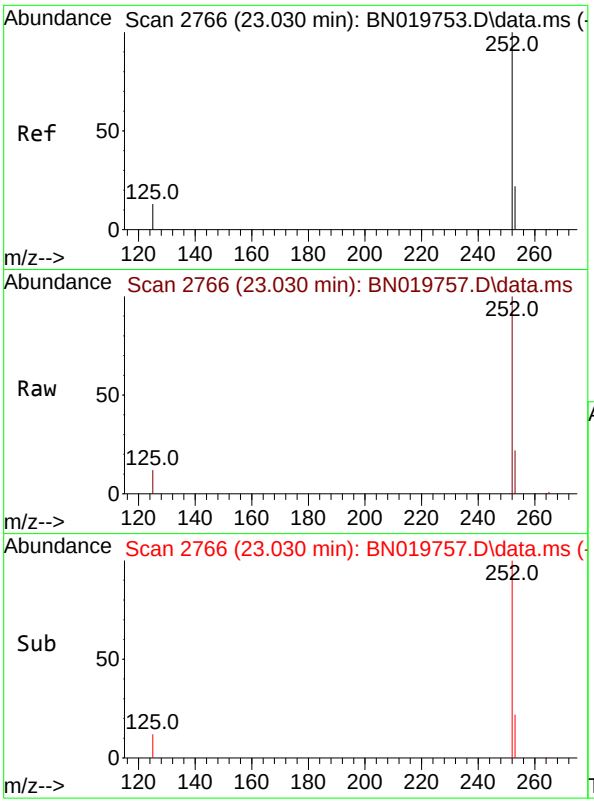


#36
Indeno(1,2,3-cd)pyrene
Concen: 4.676 ng
RT: 26.144 min Scan# 3831
Delta R.T. -0.009 min
Lab File: BN019757.D
Acq: 12 May 2022 19:37

Tgt Ion:276 Resp: 325339

Ion	Ratio	Lower	Upper
276	100		
138	32.3	25.9	38.9
277	24.9	19.8	29.8



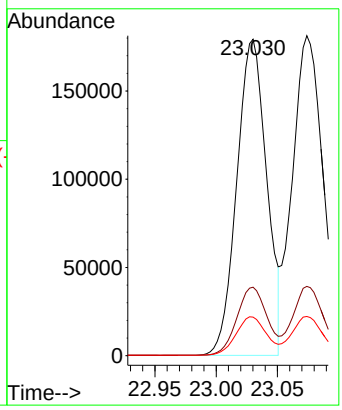


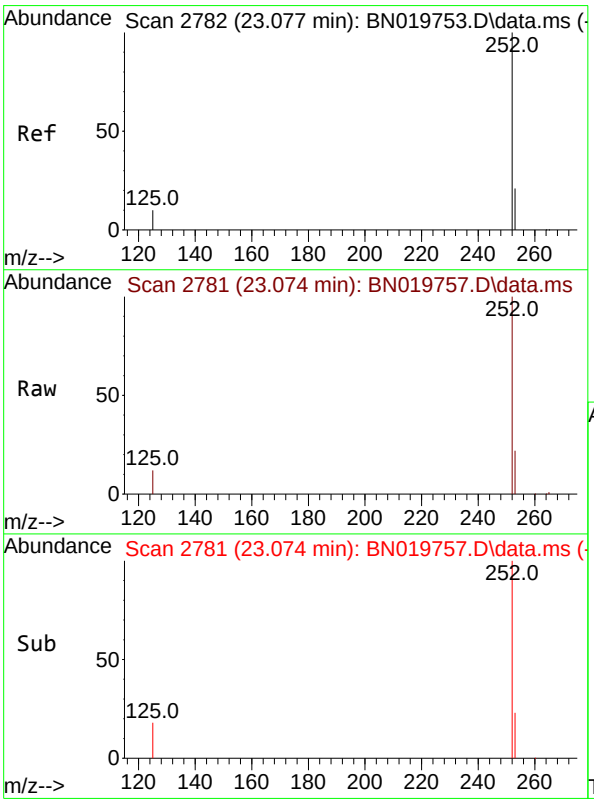
#37
Benzo(b)fluoranthene
Concen: 4.927 ng
RT: 23.030 min Scan# 2
Delta R.T. -0.006 min
Lab File: BN019757.D
Acq: 12 May 2022 19:37

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion:252 Resp: 304092

Ion	Ratio	Lower	Upper
252	100		
253	21.7	18.5	27.7
125	12.2	11.4	17.0

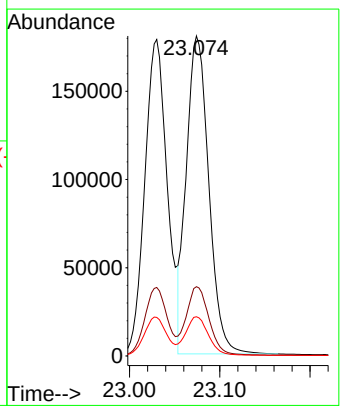


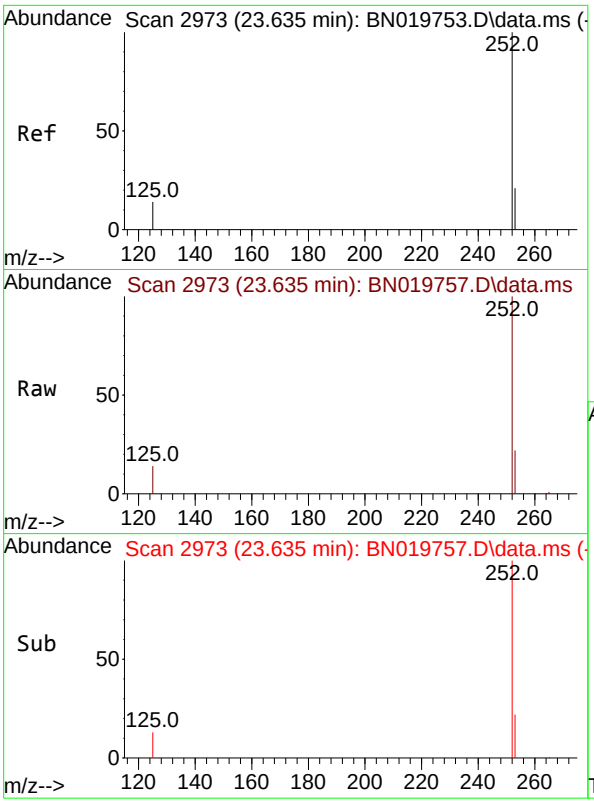


#38
Benzo(k)fluoranthene
Concen: 4.856 ng
RT: 23.074 min Scan# 2781
Delta R.T. -0.006 min
Lab File: BN019757.D
Acq: 12 May 2022 19:37

Tgt Ion:252 Resp: 311421

Ion	Ratio	Lower	Upper
252	100		
253	21.7	18.0	27.0
125	12.2	11.0	16.4



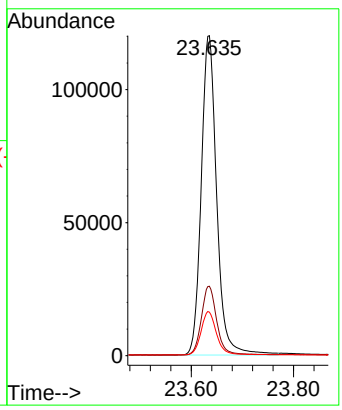


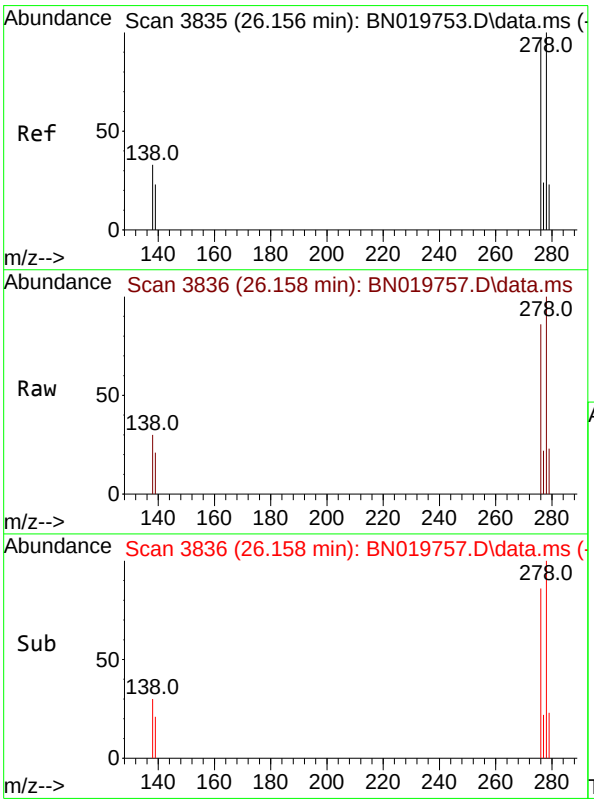
#39
Benzo(a)pyrene
Concen: 5.277 ng
RT: 23.635 min Scan# 2
Delta R.T. -0.006 min
Lab File: BN019757.D
Acq: 12 May 2022 19:37

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion:252 Resp: 251838

Ion	Ratio	Lower	Upper
252	100		
253	21.7	19.0	28.4
125	13.6	13.8	20.8#

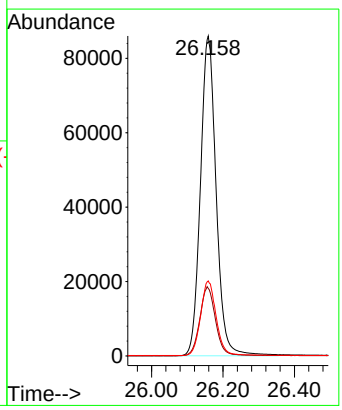


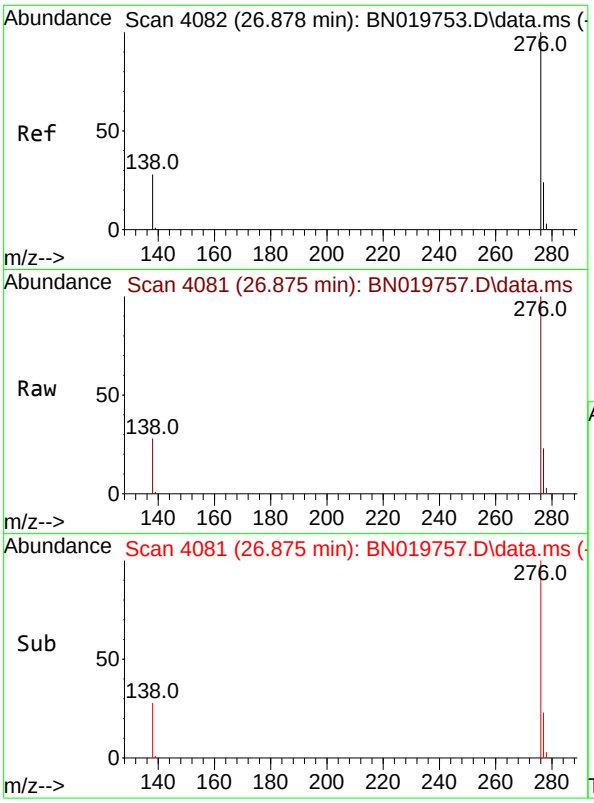


#40
Dibenzo(a,h)anthracene
Concen: 4.605 ng
RT: 26.158 min Scan# 3836
Delta R.T. -0.012 min
Lab File: BN019757.D
Acq: 12 May 2022 19:37

Tgt Ion:278 Resp: 262152

Ion	Ratio	Lower	Upper
278	100		
139	21.1	18.6	28.0
279	23.4	19.7	29.5





#41
Benzo(g,h,i)perylene
Concen: 4.547 ng
RT: 26.875 min Scan# 4
Delta R.T. -0.012 min
Lab File: BN019757.D
Acq: 12 May 2022 19:37

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion:276 Resp: 269748

Ion	Ratio	Lower	Upper
276	100		
277	23.4	19.5	29.3
138	27.8	22.6	34.0