Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050922\
Data File : BN019706.D
Acq On : 09 May 2022 17:18
Operator : CG/JU
Sample : SSTDICC0.2
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Quant Time: May 10 01:06:40 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN050922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 10 01:02:35 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.861	152	4129	0.400	ng		0.00
7) Naphthalene-d8	10.647	136	12082	0.400	ng		0.00
13) Acenaphthene-d10	14.474	164	6879	0.400	ng		0.00
19) Phenanthrene-d10	17.215	188	15349	0.400	ng		0.00
29) Chrysene-d12	21.404	240	12448	0.400	ng		0.00
35) Perylene-d12	23.743	264	9988	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.442	112	1831	0.190	ng		0.00
5) Phenol-d6	7.024	99	2221	0.188	ng		0.00
8) Nitrobenzene-d5	9.003	82	1929	0.197	ng		0.00
11) 2-Methylnaphthalene-d10	12.234	152	3998	0.203	ng		0.00
14) 2,4,6-Tribromophenol	15.964	330	431	0.169	ng		0.00
15) 2-Fluorobiphenyl	13.105	172	6288	0.212	ng		0.00
27) Fluoranthene-d10	19.248	212	8309	0.195	ng		0.00
31) Terphenyl-d14	19.847	244	5940	0.204	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.362	88	988	0.207	ng		94
3) n-Nitrosodimethylamine	3.680	42	1002	0.203	ng		94
6) bis(2-Chloroethyl)ether	7.284	93	2467	0.206	ng		98
9) Naphthalene	10.701	128	7207	0.209	ng		99
10) Hexachlorobutadiene	11.000	225	1395	0.209	ng	#	100
12) 2-Methylnaphthalene	12.310	142	4754	0.210	ng		99
16) Acenaphthylene	14.196	152	6411	0.193	ng		99
17) Acenaphthene	14.538	154	4669	0.204	ng		99
18) Fluorene	15.521	166	5956	0.212	ng		100
20) 4,6-Dinitro-2-methylph...	15.596	198	369	0.158	ng	#	80
21) 4-Bromophenyl-phenylether	16.415	248	1936	0.195	ng		99
22) Hexachlorobenzene	16.528	284	2260	0.206	ng		99
23) Atrazine	16.672	200	1103	0.174	ng		99
24) Pentachlorophenol	16.866	266	598	0.145	ng		99
25) Phenanthrene	17.256	178	10631	0.209	ng		100
26) Anthracene	17.348	178	8231	0.191	ng		99
28) Fluoranthene	19.278	202	10642	0.200	ng		100
30) Pyrene	19.640	202	10783	0.210	ng		100
32) Benzo(a)anthracene	21.386	228	8411	0.191	ng		100
33) Chrysene	21.440	228	10519	0.218	ng		100
34) Bis(2-ethylhexyl)phtha...	21.324	149	4131	0.177	ng		99
36) Indeno(1,2,3-cd)pyrene	26.153	276	9746	0.215	ng		99
37) Benzo(b)fluoranthene	23.036	252	8764	0.212	ng		95
38) Benzo(k)fluoranthene	23.083	252	8729	0.200	ng	#	93
39) Benzo(a)pyrene	23.638	252	6316	0.202	ng	#	92
40) Dibenzo(a,h)anthracene	26.167	278	7951	0.215	ng	#	80
41) Benzo(g,h,i)perylene	26.886	276	8564	0.234	ng		98

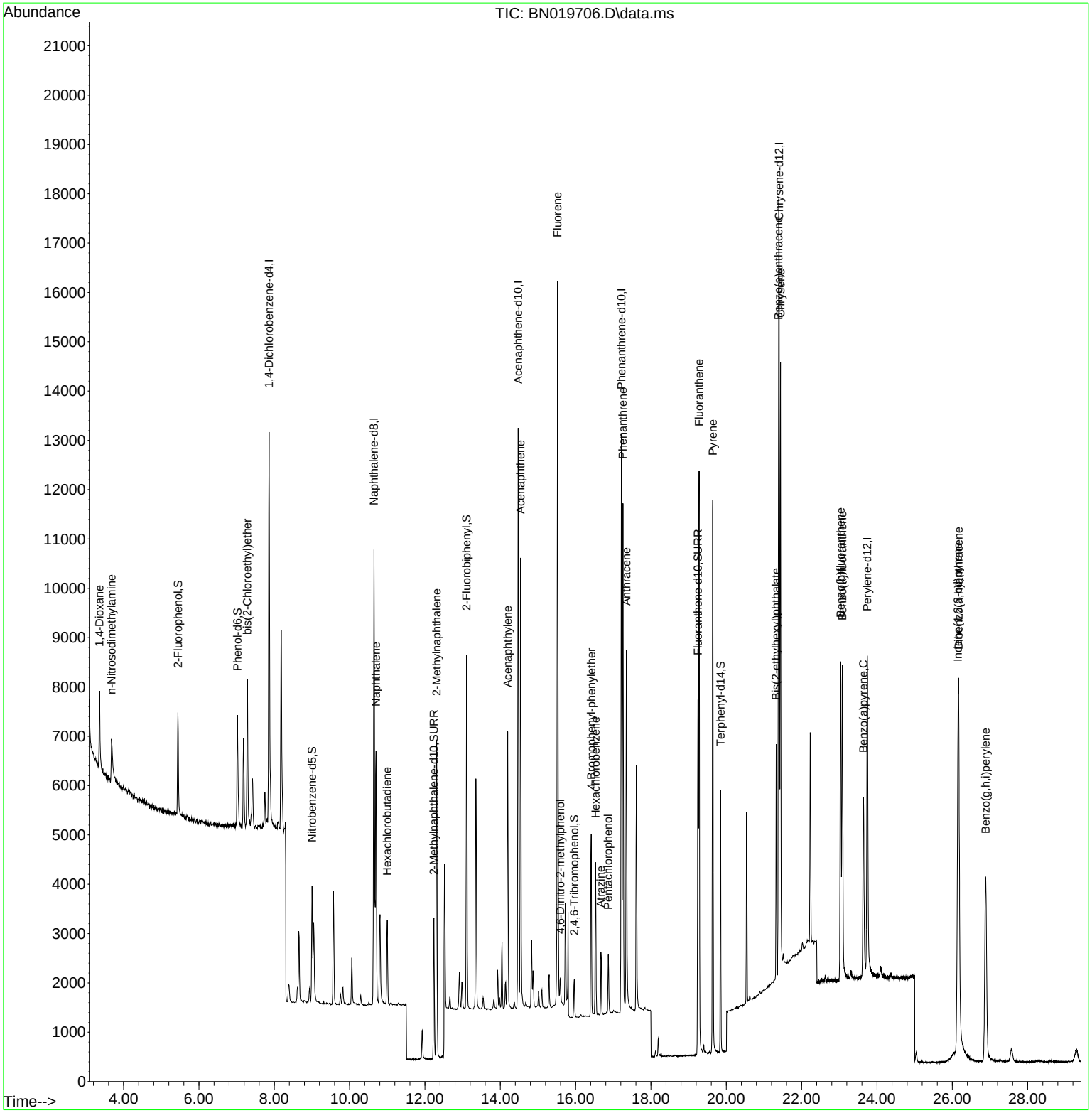
(#) = qualifier out of range (m) = manual integration (+) = signals summed

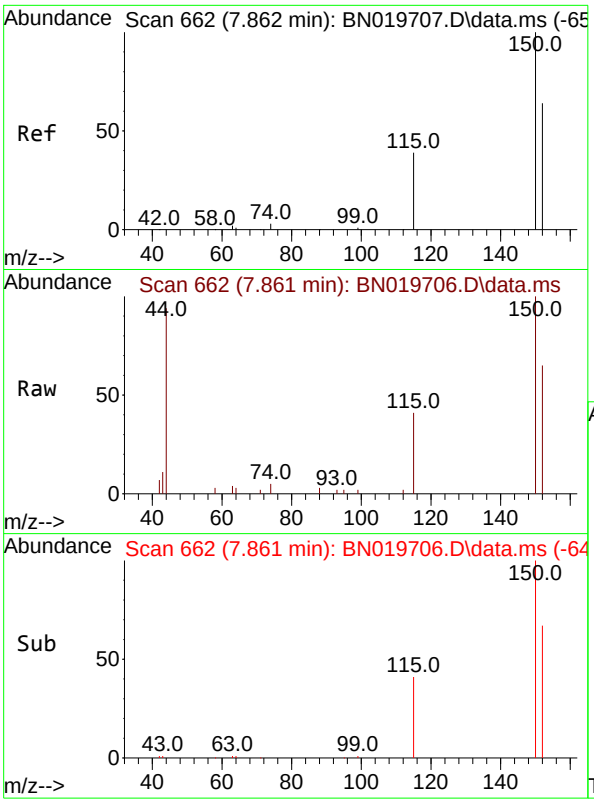
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050922\
Data File : BN019706.D
Acq On : 09 May 2022 17:18
Operator : CG/JU
Sample : SSTDICC0.2
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Quant Time: May 10 01:06:40 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN050922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 10 01:02:35 2022
Response via : Initial Calibration



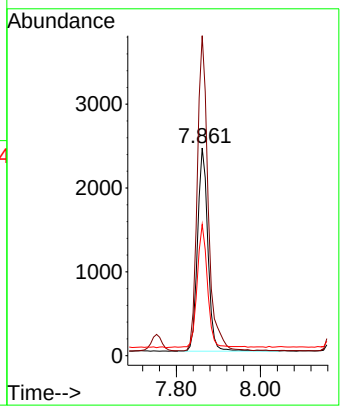


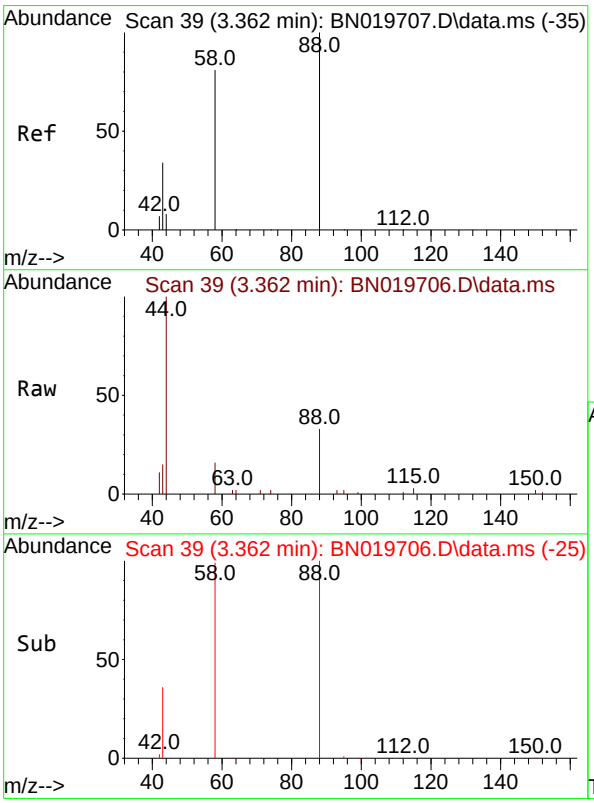
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.861 min Scan# 6
Delta R.T. -0.001 min
Lab File: BN019706.D
Acq: 09 May 2022 17:18

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:152 Resp: 4129

Ion	Ratio	Lower	Upper
152	100		
150	154.1	125.0	187.4
115	63.2	50.6	76.0

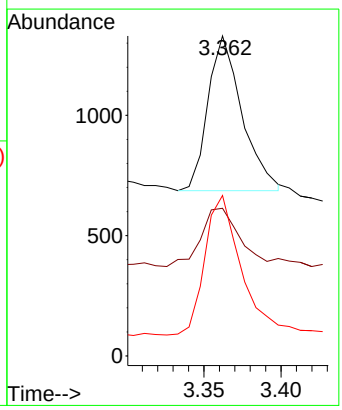


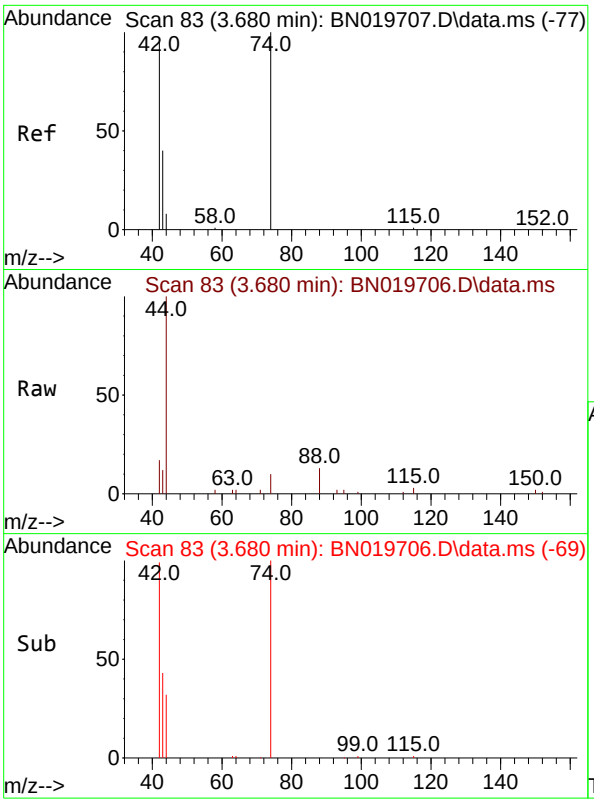


#2
1,4-Dioxane
Concen: 0.207 ng
RT: 3.362 min Scan# 39
Delta R.T. -0.000 min
Lab File: BN019706.D
Acq: 09 May 2022 17:18

Tgt Ion: 88 Resp: 988

Ion	Ratio	Lower	Upper
88	100		
43	42.4	29.0	43.6
58	94.9	73.1	109.7



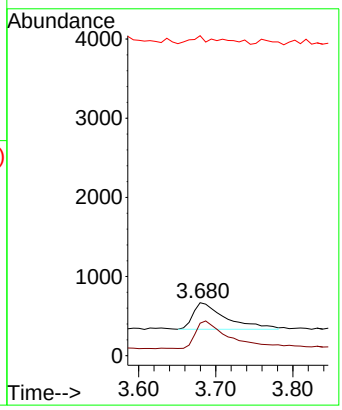


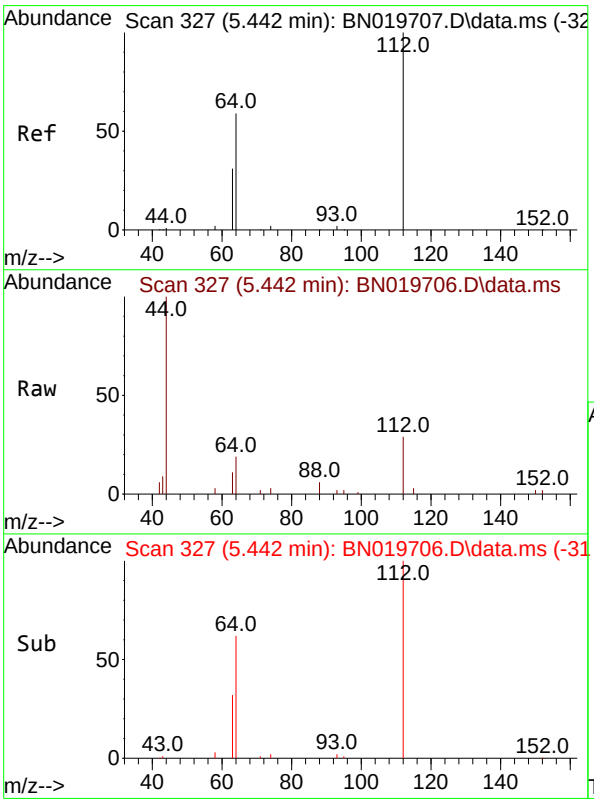
#3
n-Nitrosodimethylamine
Concen: 0.203 ng
RT: 3.680 min Scan# 8
Delta R.T. -0.000 min
Lab File: BN019706.D
Acq: 09 May 2022 17:18

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion: 42 Resp: 1002

Ion	Ratio	Lower	Upper
42	100		
74	102.3	87.8	131.6
44	15.1	12.5	18.7

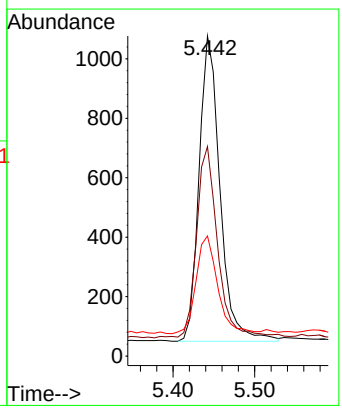


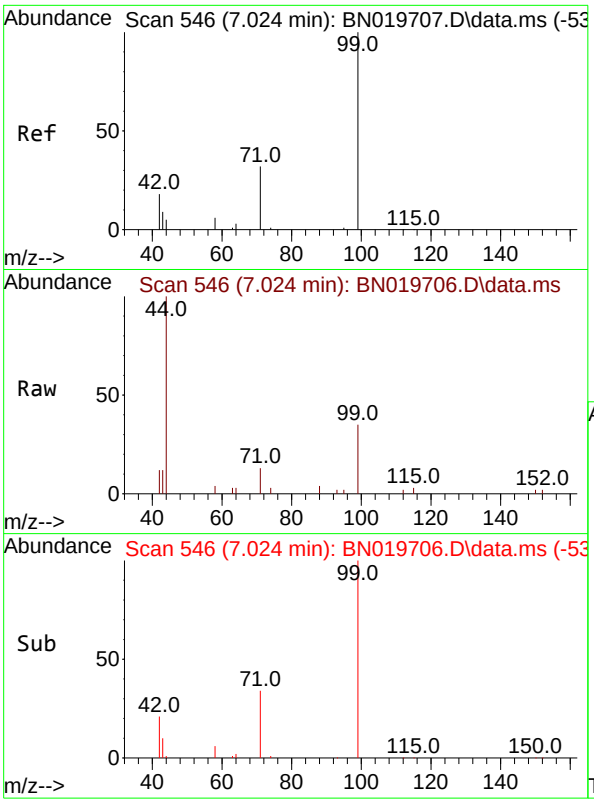


#4
2-Fluorophenol
Concen: 0.190 ng
RT: 5.442 min Scan# 327
Delta R.T. -0.000 min
Lab File: BN019706.D
Acq: 09 May 2022 17:18

Tgt Ion:112 Resp: 1831

Ion	Ratio	Lower	Upper
112	100		
64	64.0	49.1	73.7
63	33.0	26.4	39.6



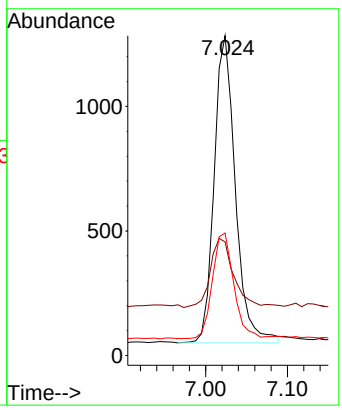


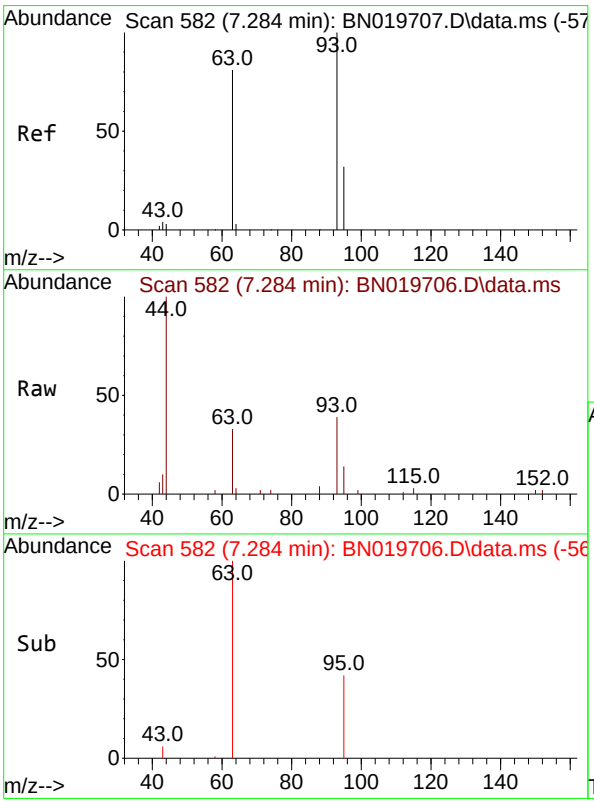
#5
Phenol-d6
Concen: 0.188 ng
RT: 7.024 min Scan# 54
Delta R.T. -0.000 min
Lab File: BN019706.D
Acq: 09 May 2022 17:18

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion: 99 Resp: 2221

Ion	Ratio	Lower	Upper
99	100		
42	25.1	19.6	29.4
71	34.7	27.3	40.9

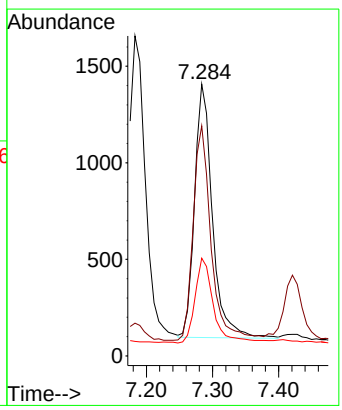


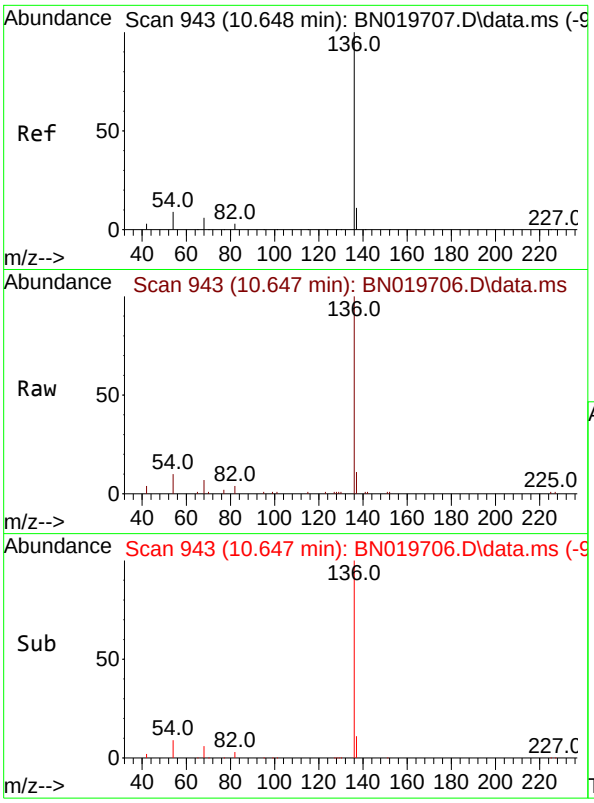


#6
bis(2-Chloroethyl)ether
Concen: 0.206 ng
RT: 7.284 min Scan# 582
Delta R.T. -0.000 min
Lab File: BN019706.D
Acq: 09 May 2022 17:18

Tgt Ion: 93 Resp: 2467

Ion	Ratio	Lower	Upper
93	100		
63	84.9	66.8	100.2
95	34.7	26.6	40.0



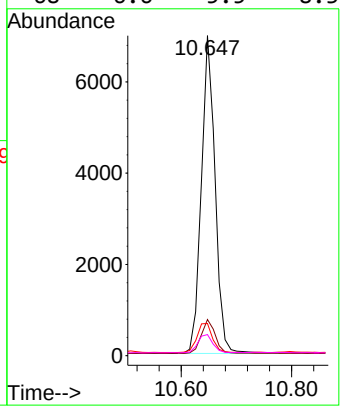


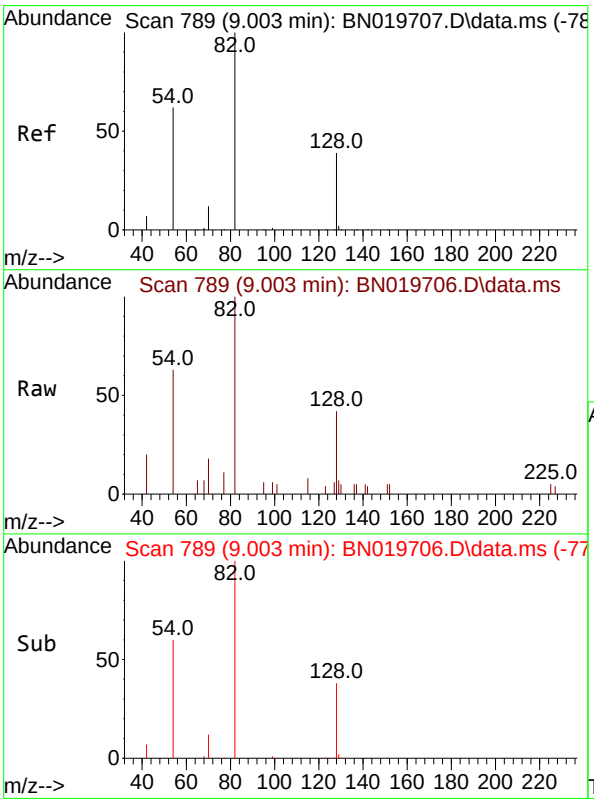
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.647 min Scan# 94
Delta R.T. -0.000 min
Lab File: BN019706.D
Acq: 09 May 2022 17:18

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:136 Resp: 12082

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.1	13.7
54	10.1	8.2	12.4
68	6.6	5.5	8.3

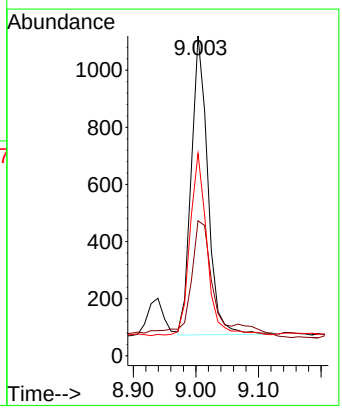


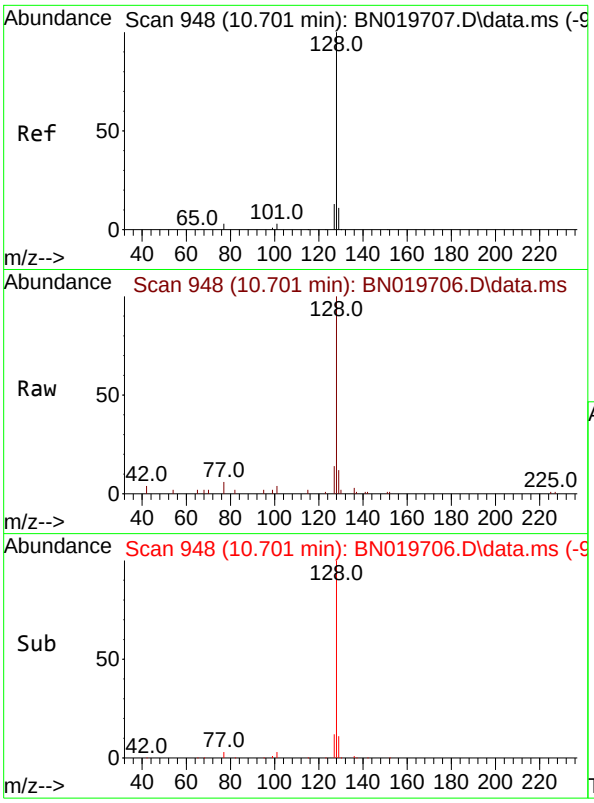


#8
Nitrobenzene-d5
Concen: 0.197 ng
RT: 9.003 min Scan# 789
Delta R.T. -0.000 min
Lab File: BN019706.D
Acq: 09 May 2022 17:18

Tgt Ion: 82 Resp: 1929

Ion	Ratio	Lower	Upper
82	100		
128	42.2	32.4	48.6
54	63.3	50.7	76.1



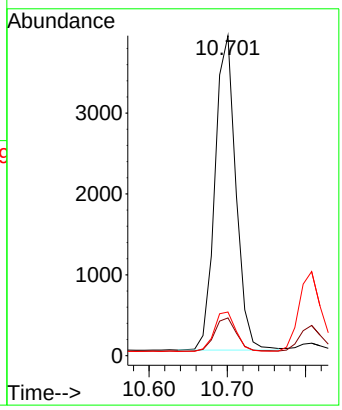


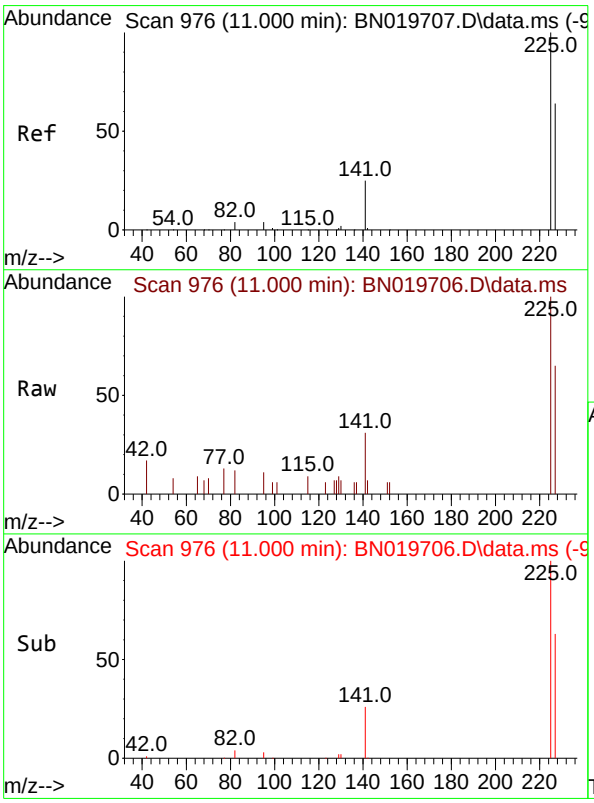
#9
Naphthalene
Concen: 0.209 ng
RT: 10.701 min Scan# 94
Delta R.T. -0.000 min
Lab File: BN019706.D
Acq: 09 May 2022 17:18

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:128 Resp: 7207

Ion	Ratio	Lower	Upper
128	100		
129	11.8	9.0	13.6
127	13.7	10.7	16.1

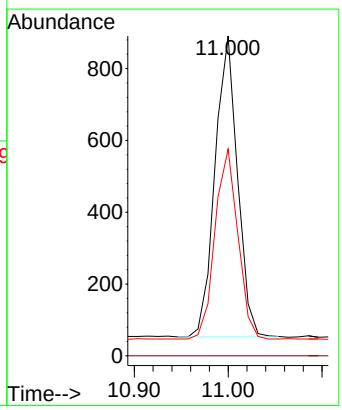


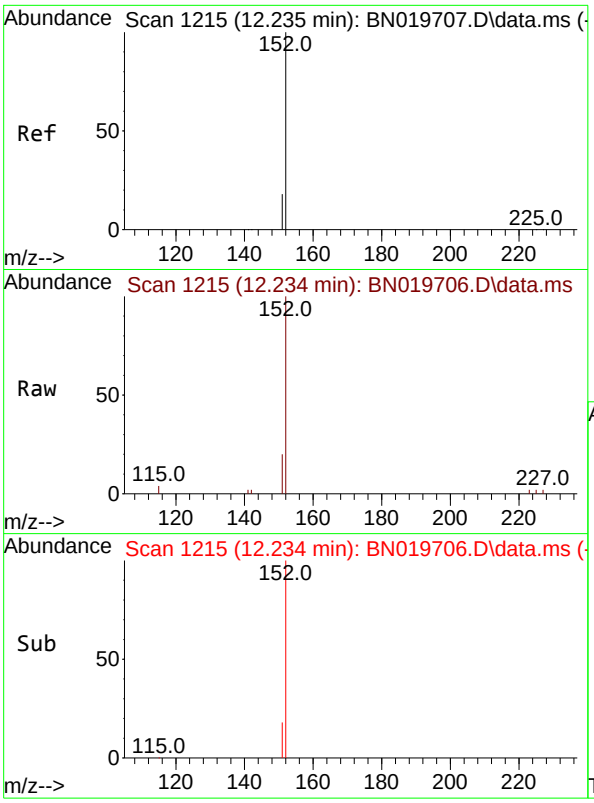


#10
Hexachlorobutadiene
Concen: 0.209 ng
RT: 11.000 min Scan# 976
Delta R.T. -0.000 min
Lab File: BN019706.D
Acq: 09 May 2022 17:18

Tgt Ion:225 Resp: 1395

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.9	51.0	76.4



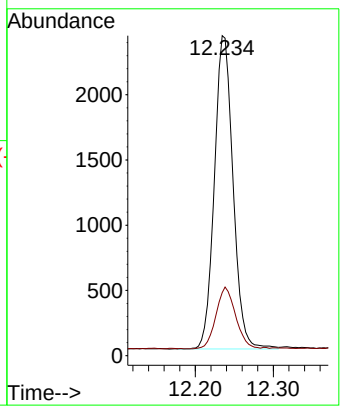


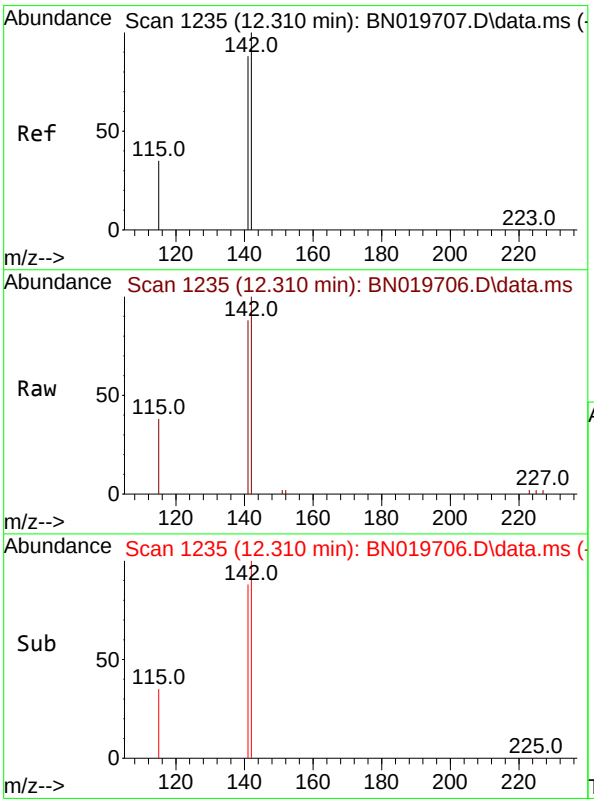
#11
2-Methylnaphthalene-d10
Concen: 0.203 ng
RT: 12.234 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN019706.D
Acq: 09 May 2022 17:18

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:152 Resp: 3998

Ion	Ratio	Lower	Upper
152	100		
151	20.8	16.4	24.6

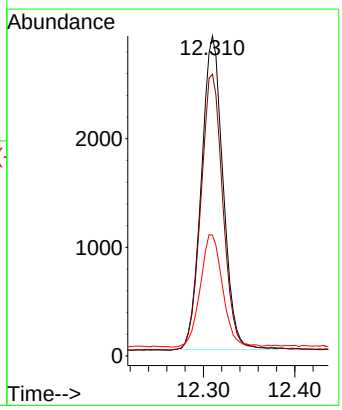


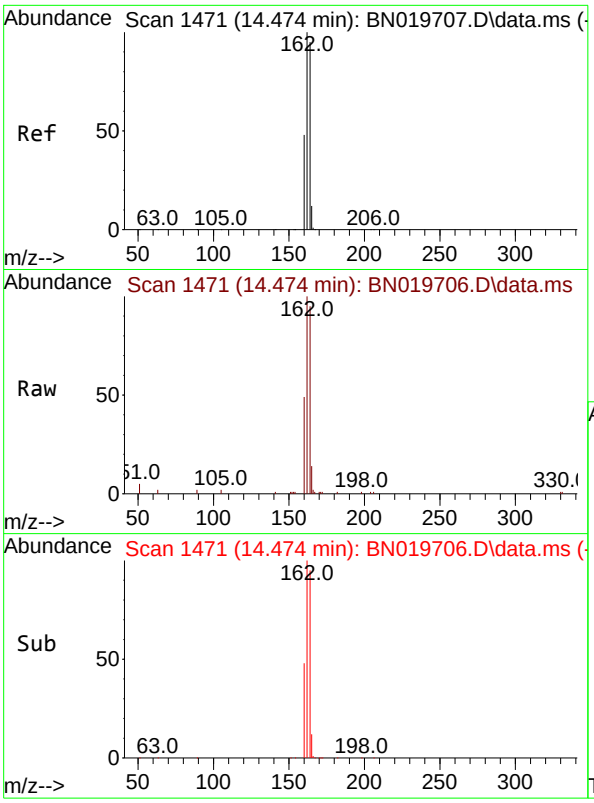


#12
2-Methylnaphthalene
Concen: 0.210 ng
RT: 12.310 min Scan# 1235
Delta R.T. -0.000 min
Lab File: BN019706.D
Acq: 09 May 2022 17:18

Tgt Ion:142 Resp: 4754

Ion	Ratio	Lower	Upper
142	100		
141	88.1	70.1	105.1
115	37.7	28.8	43.2



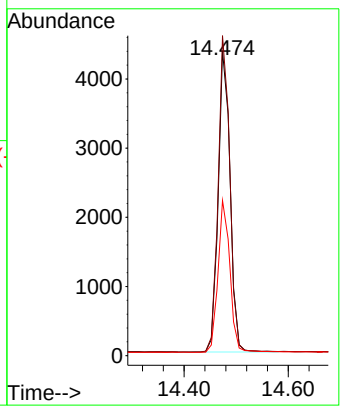


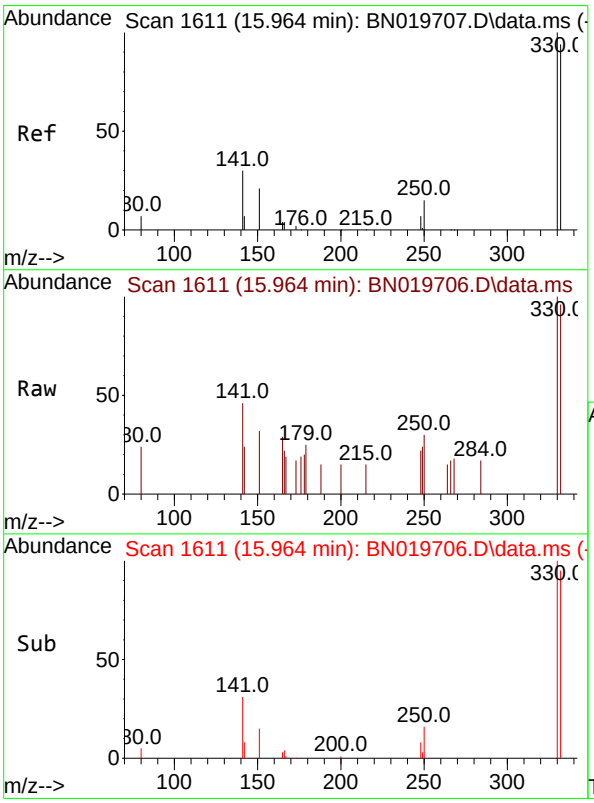
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.474 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN019706.D
Acq: 09 May 2022 17:18

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:164 Resp: 6879

Ion	Ratio	Lower	Upper
164	100		
162	105.1	84.0	126.0
160	51.0	41.1	61.7

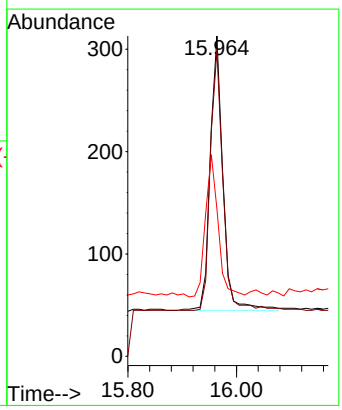


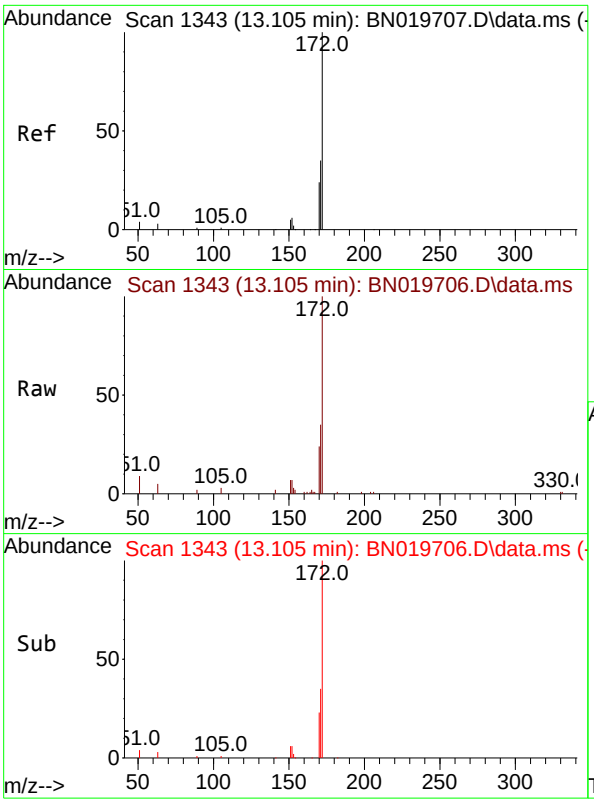


#14
2,4,6-Tribromophenol
Concen: 0.169 ng
RT: 15.964 min Scan# 1611
Delta R.T. -0.000 min
Lab File: BN019706.D
Acq: 09 May 2022 17:18

Tgt Ion:330 Resp: 431

Ion	Ratio	Lower	Upper
330	100		
332	94.0	75.7	113.5
141	52.2	40.2	60.2



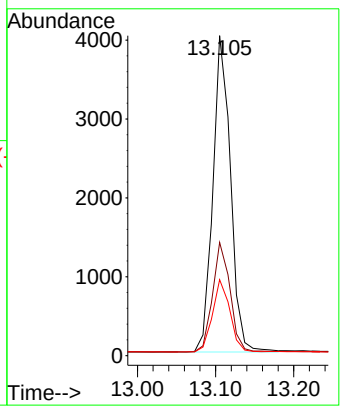


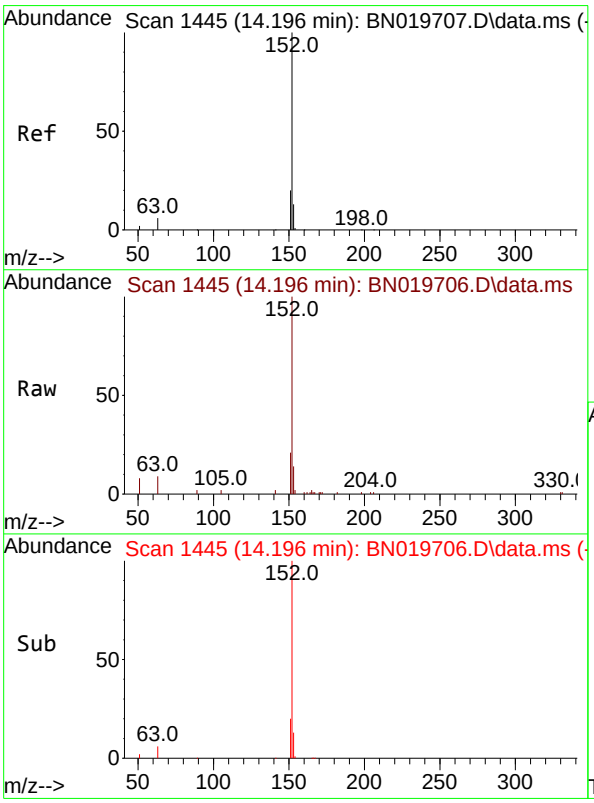
#15
2-Fluorobiphenyl
Concen: 0.212 ng
RT: 13.105 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN019706.D
Acq: 09 May 2022 17:18

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:172 Resp: 6288

Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.5	42.7
170	23.8	19.4	29.2

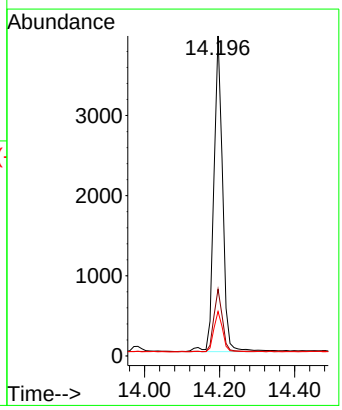


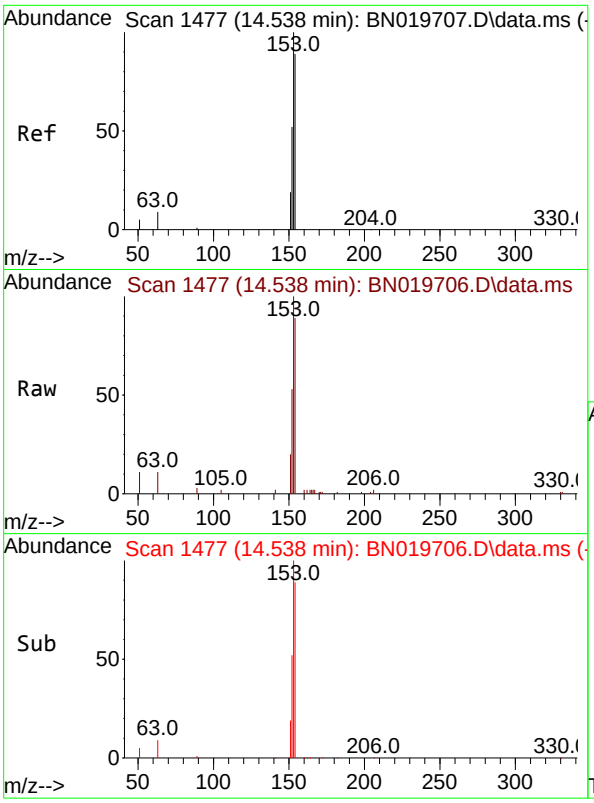


#16
Acenaphthylene
Concen: 0.193 ng
RT: 14.196 min Scan# 1445
Delta R.T. -0.000 min
Lab File: BN019706.D
Acq: 09 May 2022 17:18

Tgt Ion:152 Resp: 6411

Ion	Ratio	Lower	Upper
152	100		
151	19.1	15.4	23.2
153	13.2	10.0	15.0



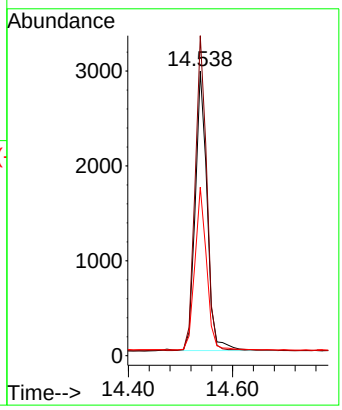


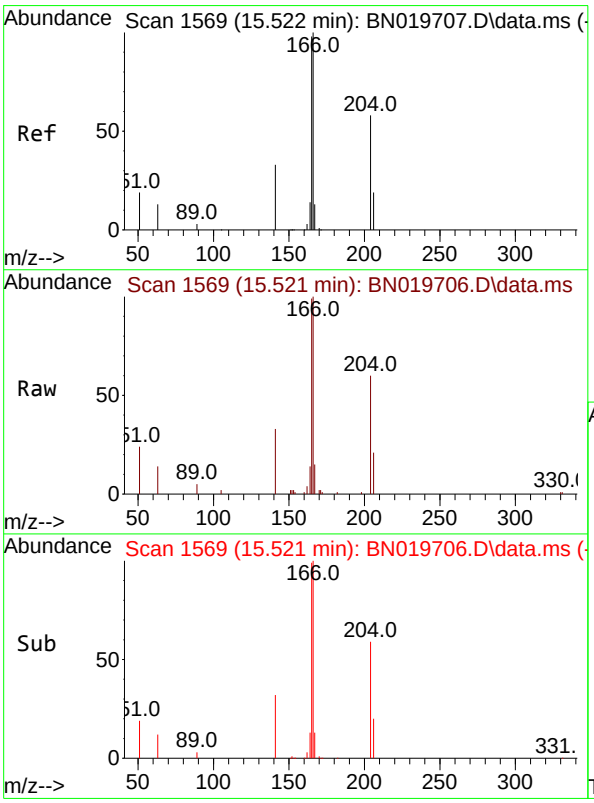
#17
Acenaphthene
Concen: 0.204 ng
RT: 14.538 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN019706.D
Acq: 09 May 2022 17:18

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:154 Resp: 4669

Ion	Ratio	Lower	Upper
154	100		
153	110.3	87.1	130.7
152	57.4	45.5	68.3

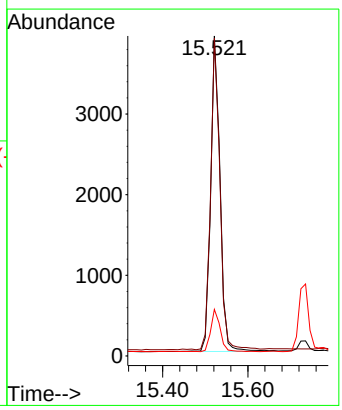


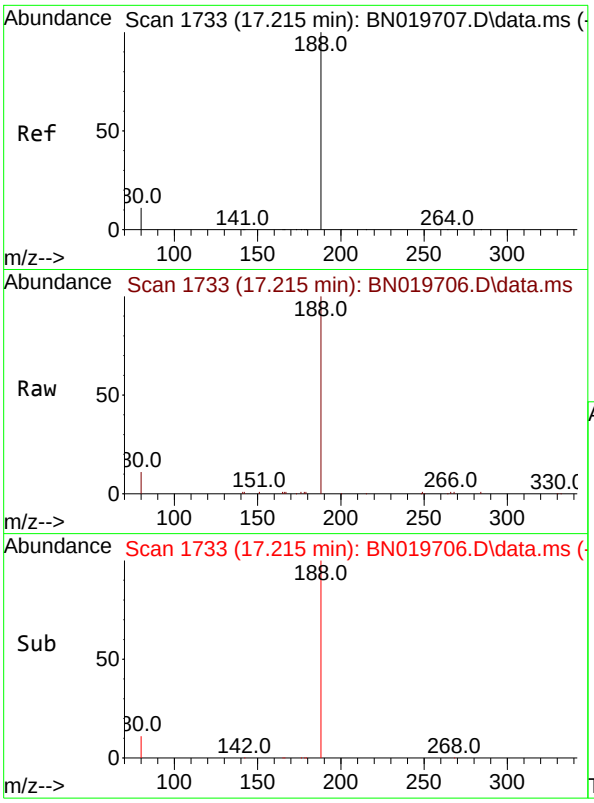


#18
Fluorene
Concen: 0.212 ng
RT: 15.521 min Scan# 1569
Delta R.T. -0.000 min
Lab File: BN019706.D
Acq: 09 May 2022 17:18

Tgt Ion:166 Resp: 5956

Ion	Ratio	Lower	Upper
166	100		
165	98.0	78.0	117.0
167	13.5	10.8	16.2



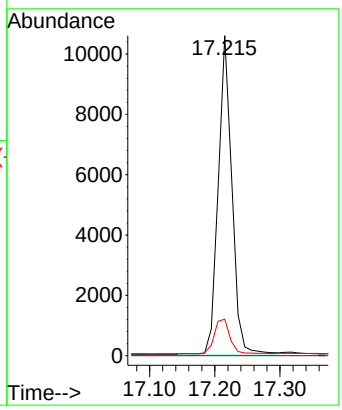


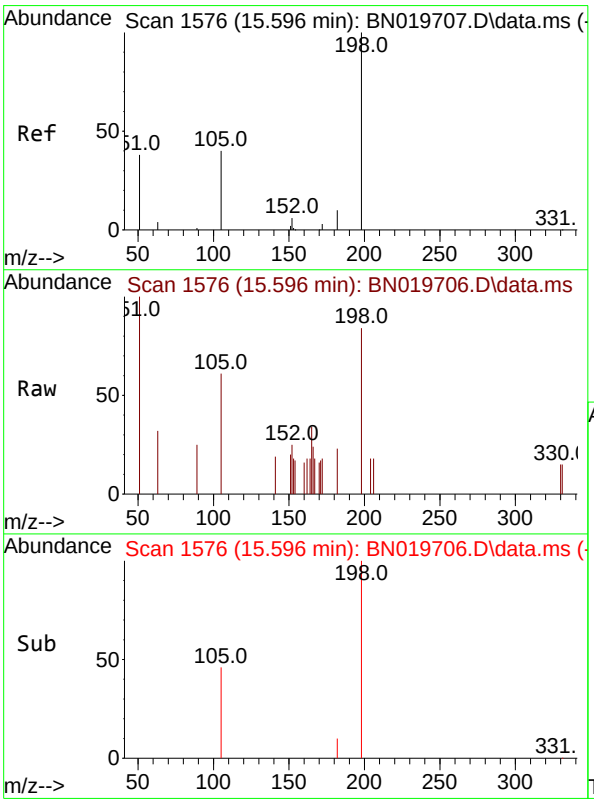
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.215 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN019706.D
Acq: 09 May 2022 17:18

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:188 Resp: 15349

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	11.4	9.6	14.4

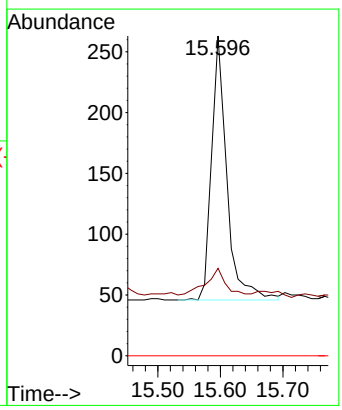


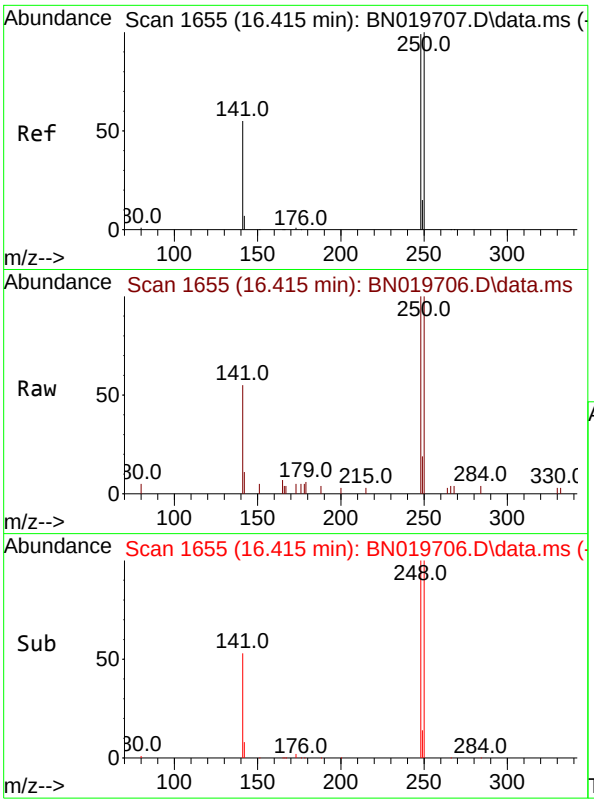


#20
4,6-Dinitro-2-methylphenol
Concen: 0.158 ng
RT: 15.596 min Scan# 1576
Delta R.T. -0.000 min
Lab File: BN019706.D
Acq: 09 May 2022 17:18

Tgt Ion:198 Resp: 369

Ion	Ratio	Lower	Upper
198	100		
182	27.4	14.9	22.3#
77	0.0	0.0	0.0



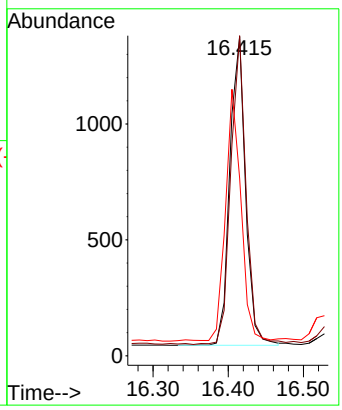


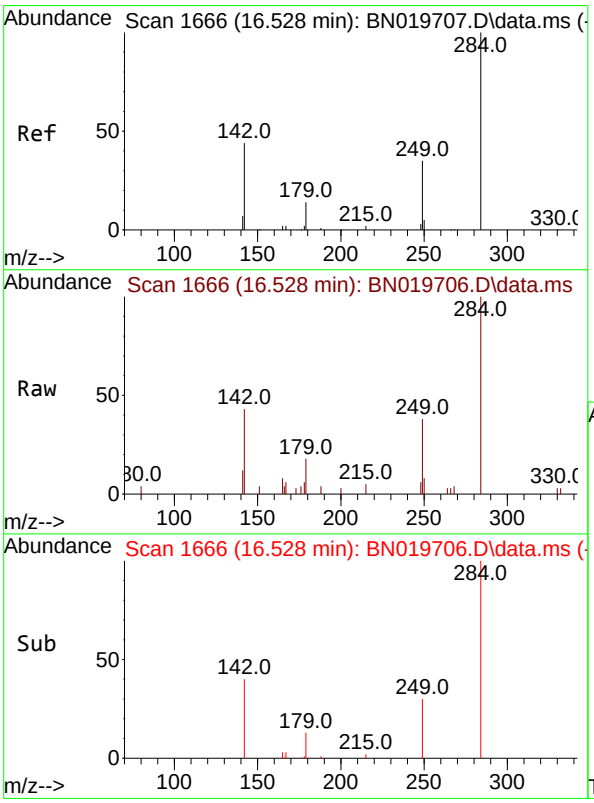
#21
4-Bromophenyl-phenylether
Concen: 0.195 ng
RT: 16.415 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN019706.D
Acq: 09 May 2022 17:18

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:248 Resp: 1936

Ion	Ratio	Lower	Upper
248	100		
250	100.3	80.6	121.0
141	55.6	45.4	68.2

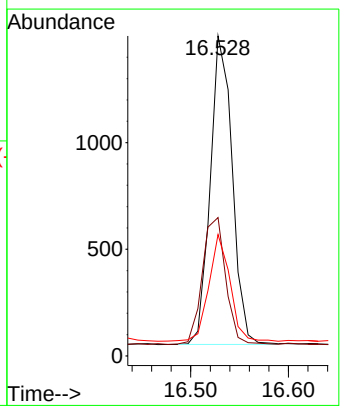


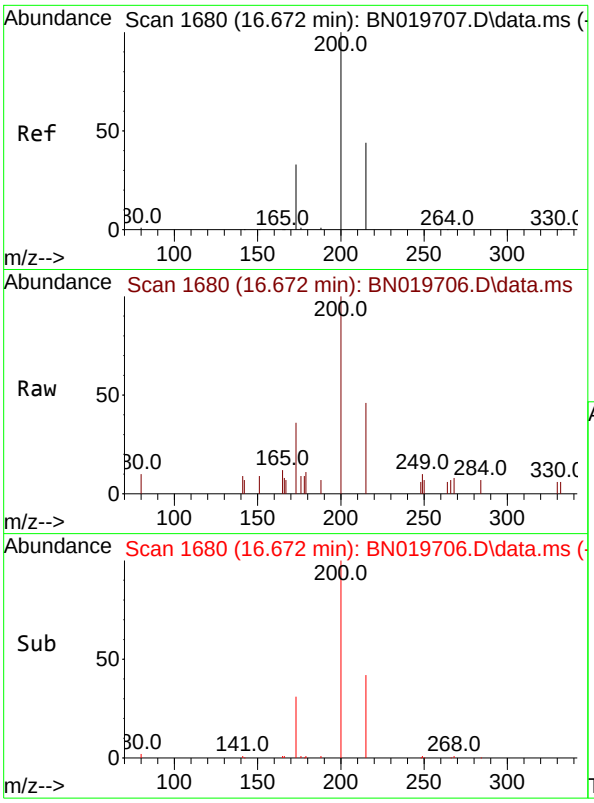


#22
Hexachlorobenzene
Concen: 0.206 ng
RT: 16.528 min Scan# 1666
Delta R.T. -0.000 min
Lab File: BN019706.D
Acq: 09 May 2022 17:18

Tgt Ion:284 Resp: 2260

Ion	Ratio	Lower	Upper
284	100		
142	43.7	35.4	53.2
249	33.1	26.1	39.1



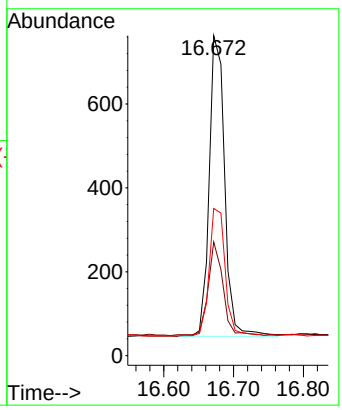


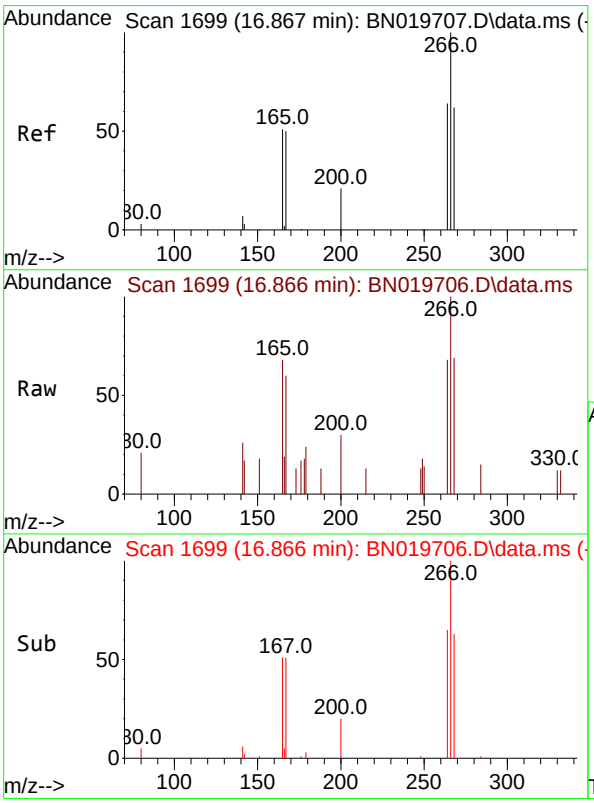
#23
Atrazine
Concen: 0.174 ng
RT: 16.672 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN019706.D
Acq: 09 May 2022 17:18

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:200 Resp: 1103

Ion	Ratio	Lower	Upper
200	100		
173	35.5	28.4	42.6
215	46.0	36.3	54.5

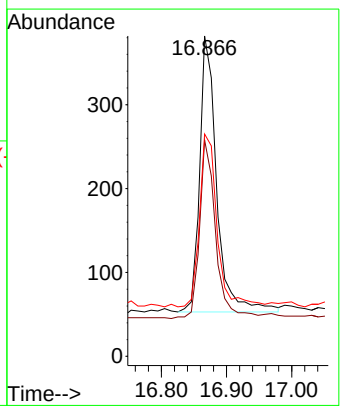


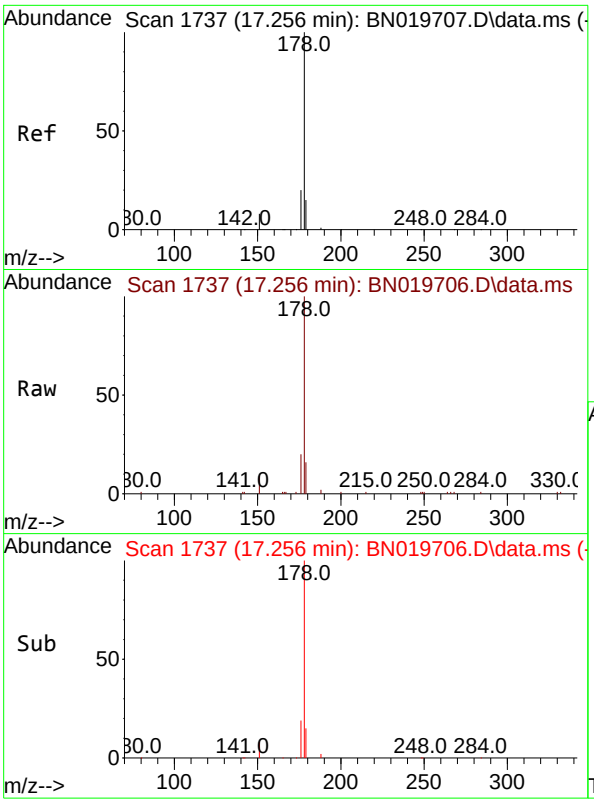


#24
Pentachlorophenol
Concen: 0.145 ng
RT: 16.866 min Scan# 1699
Delta R.T. -0.000 min
Lab File: BN019706.D
Acq: 09 May 2022 17:18

Tgt Ion:266 Resp: 598

Ion	Ratio	Lower	Upper
266	100		
264	61.2	49.3	73.9
268	64.7	51.3	76.9



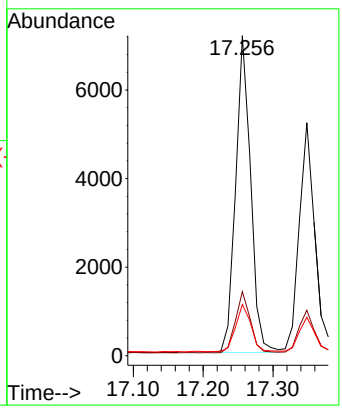


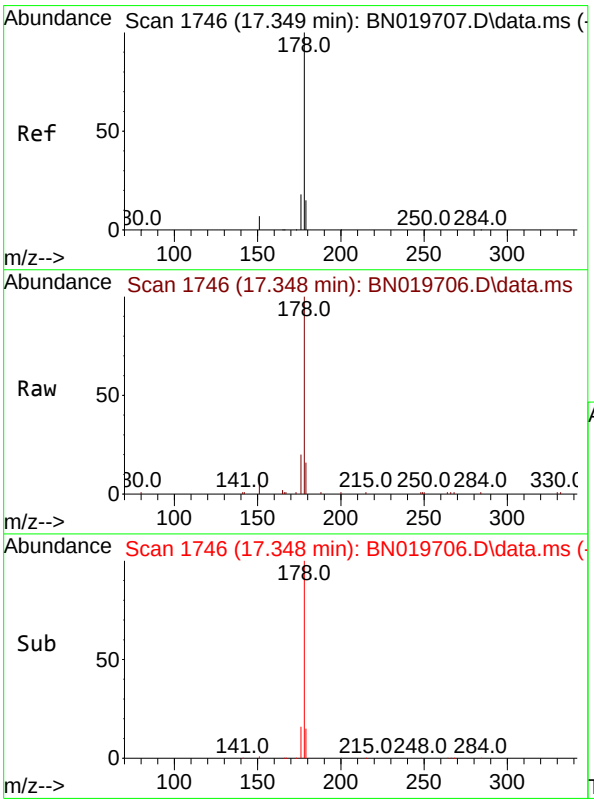
#25
Phenanthrene
Concen: 0.209 ng
RT: 17.256 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN019706.D
Acq: 09 May 2022 17:18

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:178 Resp: 10631

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.4	23.2
179	15.2	12.2	18.2

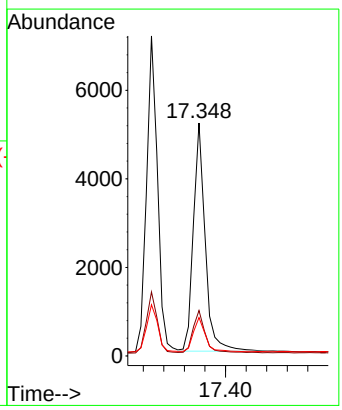


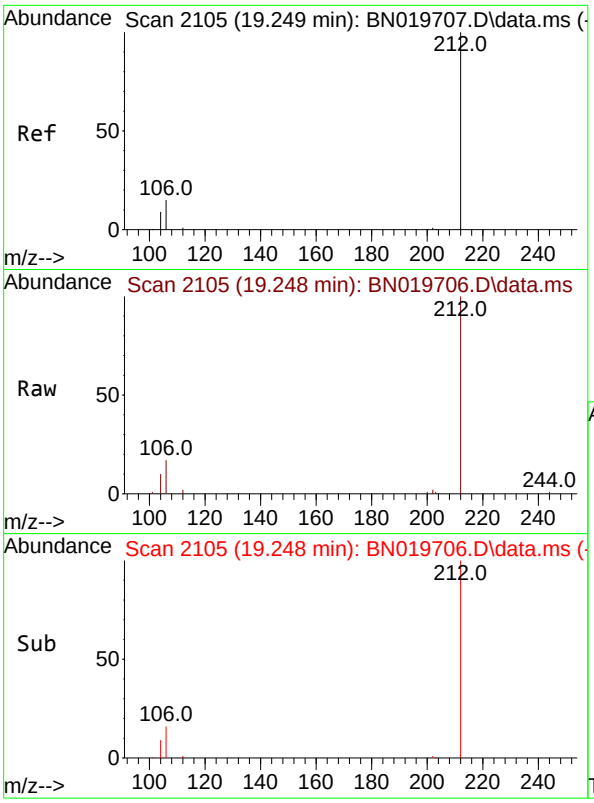


#26
Anthracene
Concen: 0.191 ng
RT: 17.348 min Scan# 1746
Delta R.T. -0.000 min
Lab File: BN019706.D
Acq: 09 May 2022 17:18

Tgt Ion:178 Resp: 8231

Ion	Ratio	Lower	Upper
178	100		
176	18.8	14.8	22.2
179	14.8	12.0	18.0



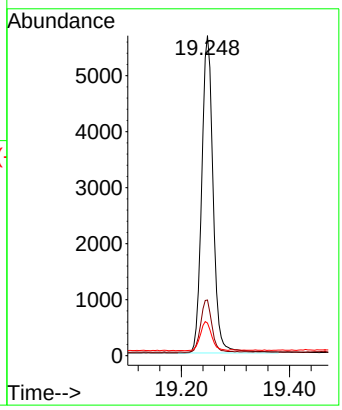


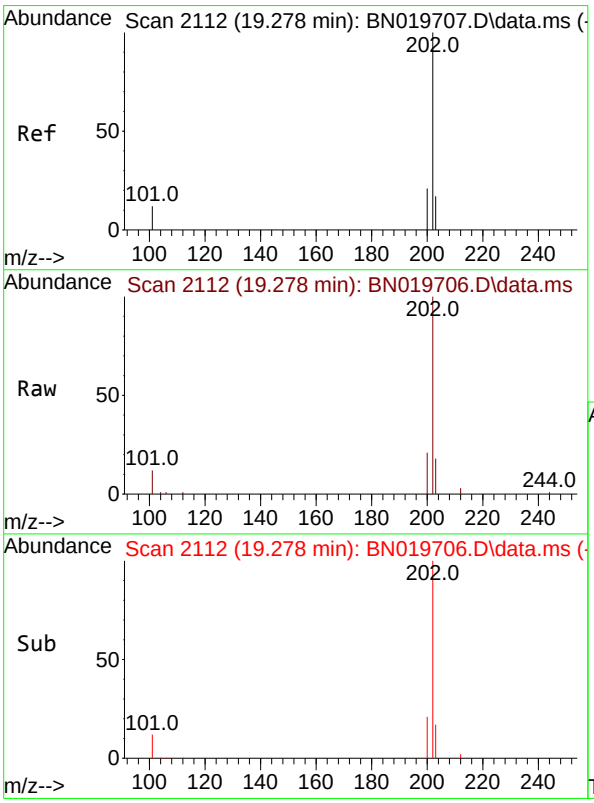
#27
Fluoranthene-d10
Concen: 0.195 ng
RT: 19.248 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN019706.D
Acq: 09 May 2022 17:18

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:212 Resp: 8309

Ion	Ratio	Lower	Upper
212	100		
106	16.4	13.0	19.4
104	9.1	7.3	10.9

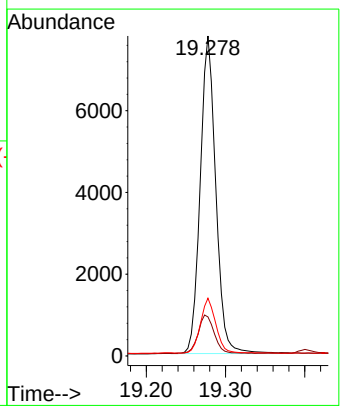


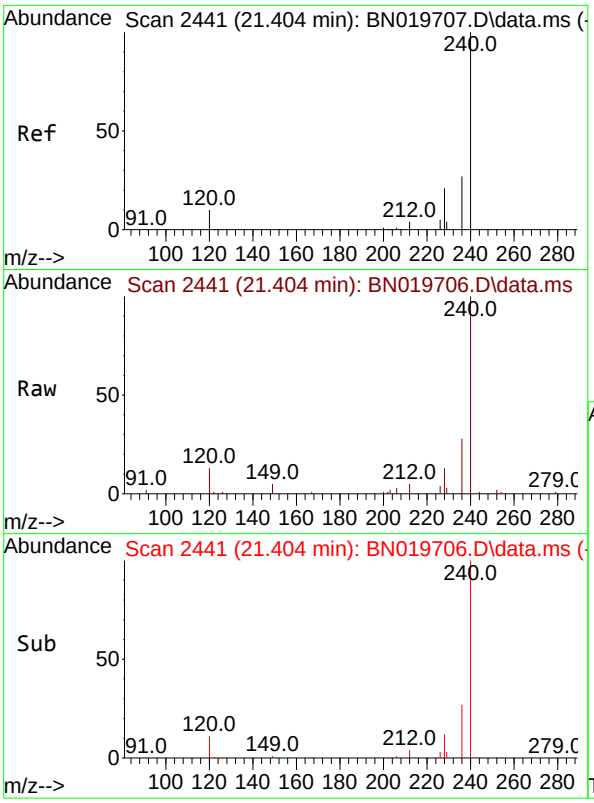


#28
Fluoranthene
Concen: 0.200 ng
RT: 19.278 min Scan# 2112
Delta R.T. -0.000 min
Lab File: BN019706.D
Acq: 09 May 2022 17:18

Tgt Ion:202 Resp: 10642

Ion	Ratio	Lower	Upper
202	100		
101	12.4	10.2	15.2
203	17.0	13.6	20.4



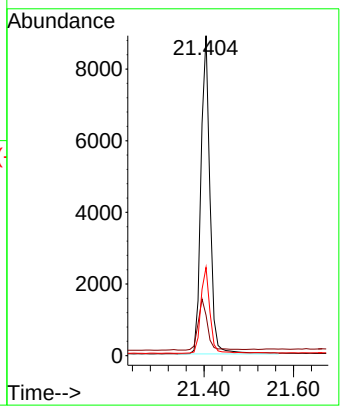


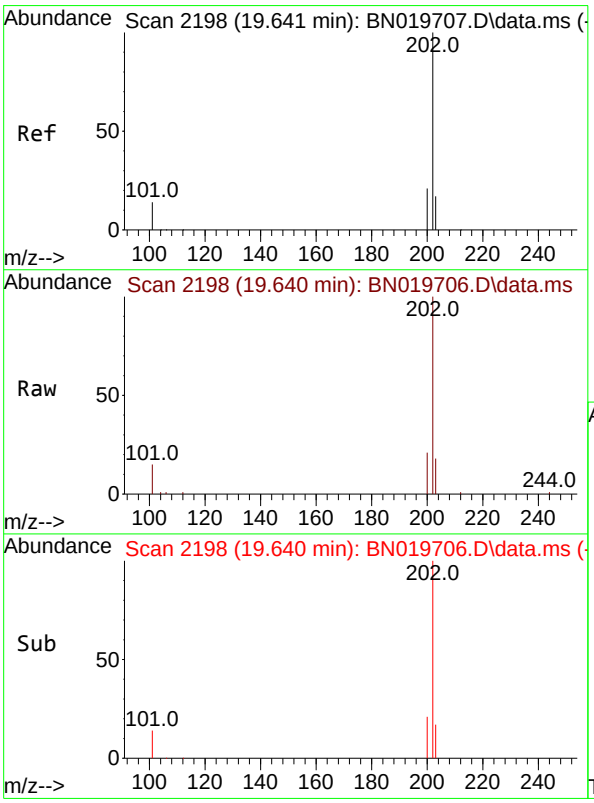
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.404 min Scan# 24
Delta R.T. -0.000 min
Lab File: BN019706.D
Acq: 09 May 2022 17:18

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:240 Resp: 12448

Ion	Ratio	Lower	Upper
240	100		
120	12.7	9.0	13.6
236	27.6	22.0	33.0

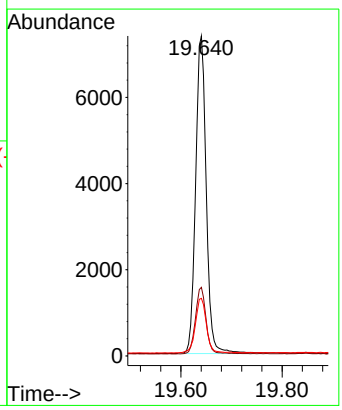


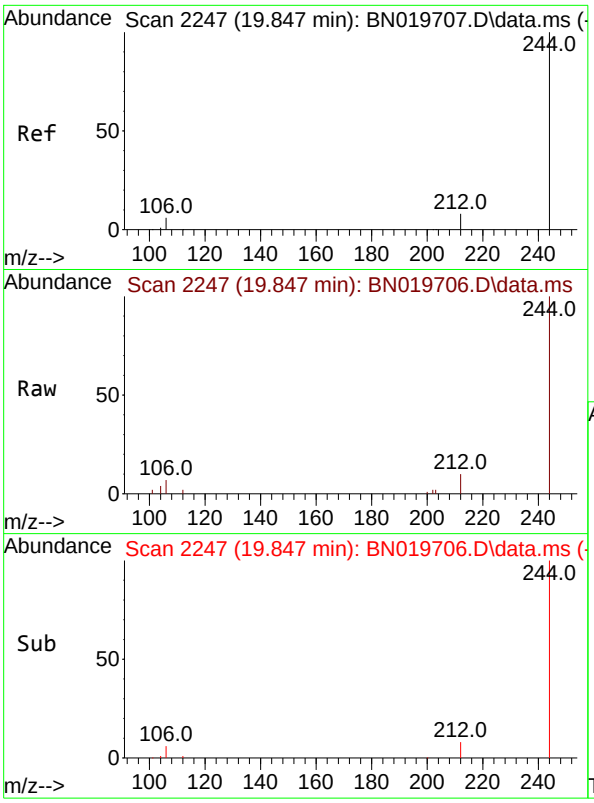


#30
Pyrene
Concen: 0.210 ng
RT: 19.640 min Scan# 2198
Delta R.T. -0.000 min
Lab File: BN019706.D
Acq: 09 May 2022 17:18

Tgt Ion:202 Resp: 10783

Ion	Ratio	Lower	Upper
202	100		
200	20.8	16.7	25.1
203	17.6	14.2	21.2



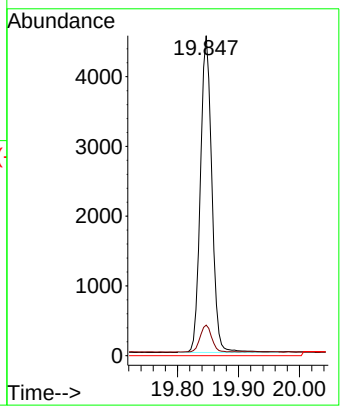


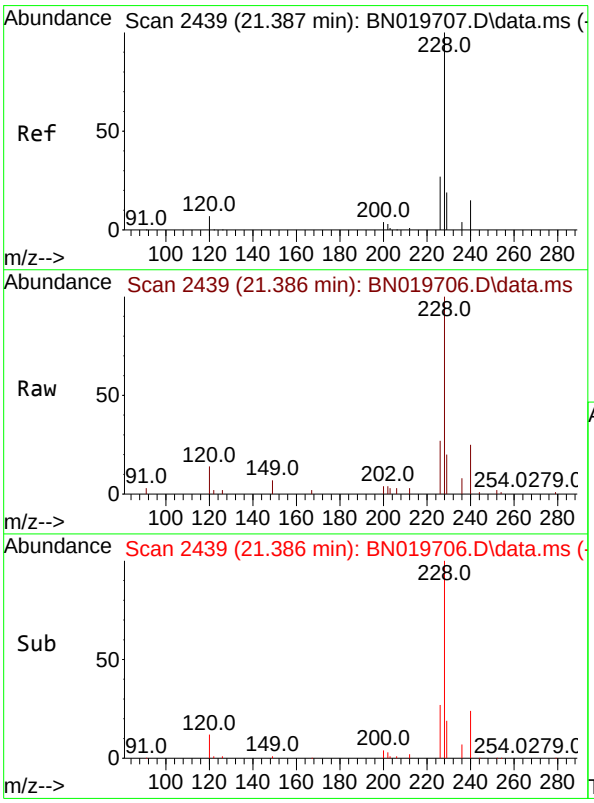
#31
Terphenyl-d14
Concen: 0.204 ng
RT: 19.847 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN019706.D
Acq: 09 May 2022 17:18

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:244 Resp: 5940

Ion	Ratio	Lower	Upper
244	100		
212	9.5	7.0	10.6
122	0.0	0.0	0.0

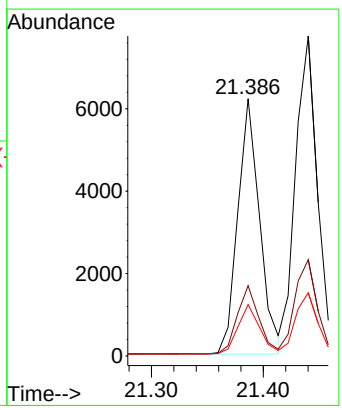


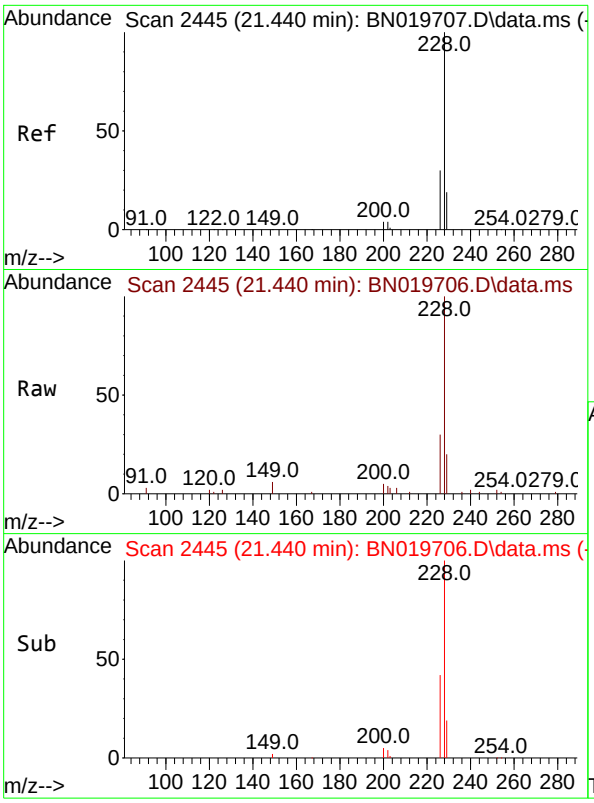


#32
Benzo(a)anthracene
Concen: 0.191 ng
RT: 21.386 min Scan# 2439
Delta R.T. -0.000 min
Lab File: BN019706.D
Acq: 09 May 2022 17:18

Tgt Ion:228 Resp: 8411

Ion	Ratio	Lower	Upper
228	100		
226	27.3	21.8	32.8
229	20.0	15.7	23.5



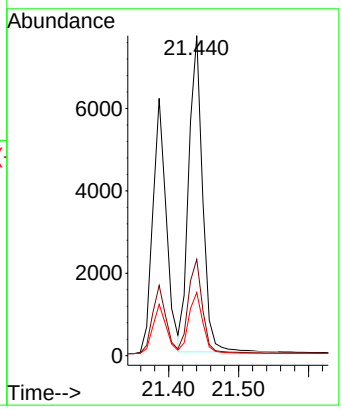


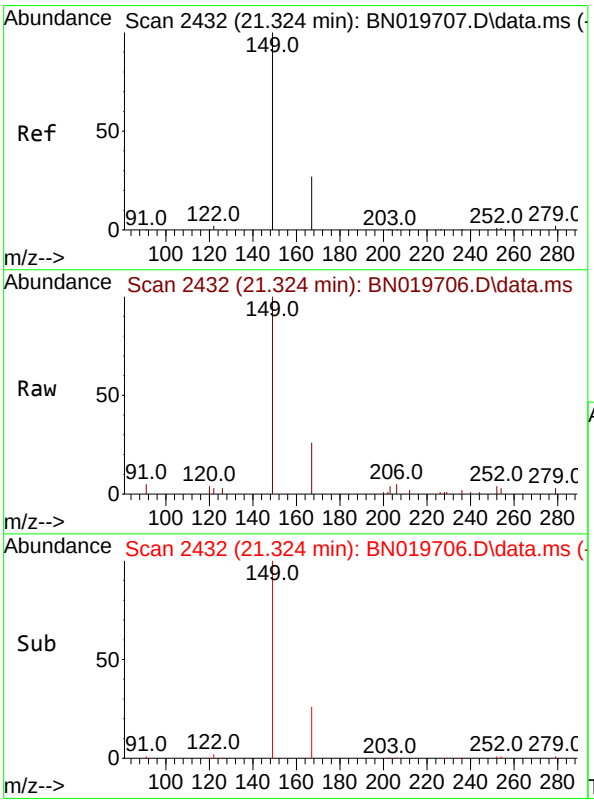
#33
Chrysene
Concen: 0.218 ng
RT: 21.440 min Scan# 24
Delta R.T. -0.000 min
Lab File: BN019706.D
Acq: 09 May 2022 17:18

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:228 Resp: 10519

Ion	Ratio	Lower	Upper
228	100		
226	30.1	24.0	36.0
229	19.7	15.8	23.6

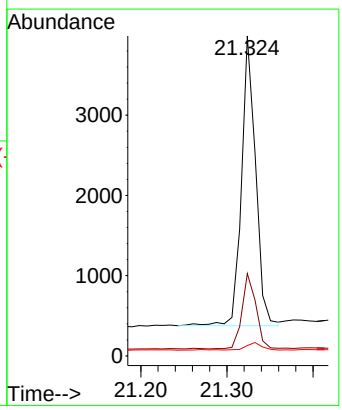


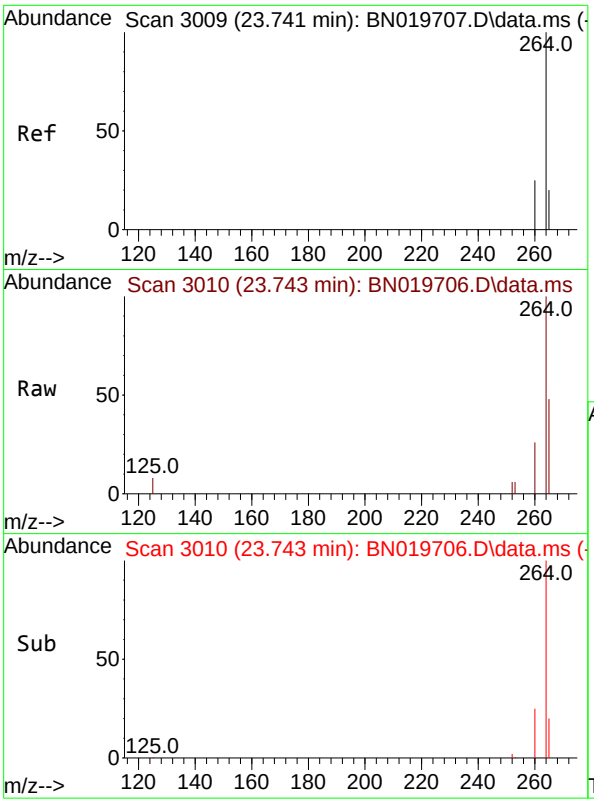


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.177 ng
RT: 21.324 min Scan# 2432
Delta R.T. -0.000 min
Lab File: BN019706.D
Acq: 09 May 2022 17:18

Tgt Ion:149 Resp: 4131

Ion	Ratio	Lower	Upper
149	100		
167	25.8	21.0	31.6
279	2.9	2.2	3.2



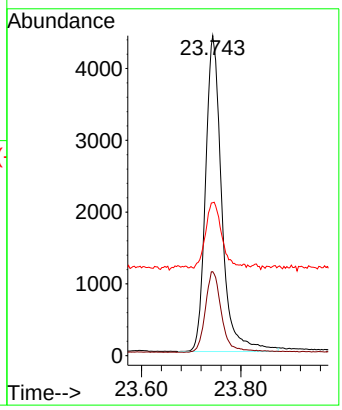


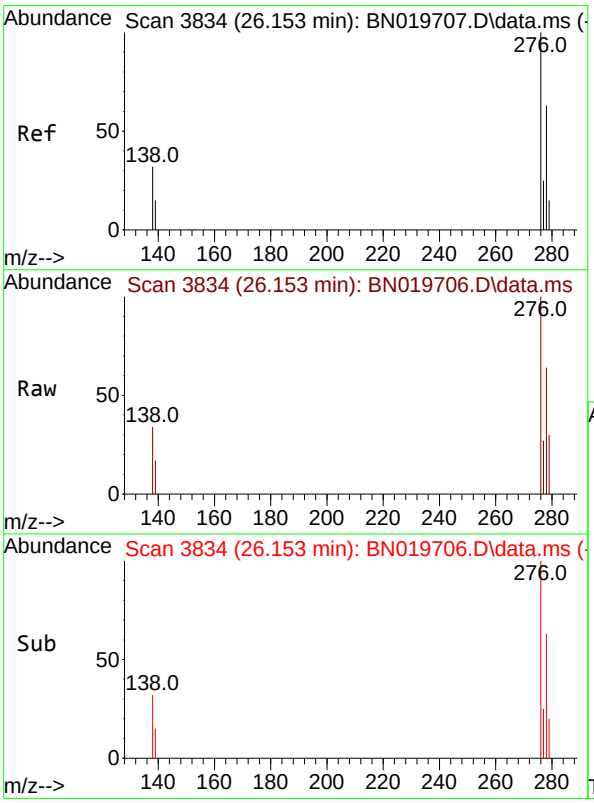
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.743 min Scan# 3
Delta R.T. 0.003 min
Lab File: BN019706.D
Acq: 09 May 2022 17:18

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:264 Resp: 9988

Ion	Ratio	Lower	Upper
264	100		
260	26.2	20.8	31.2
265	47.8	35.6	53.4

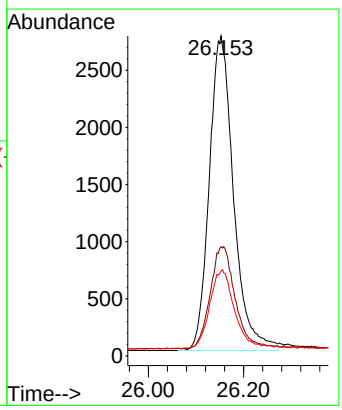


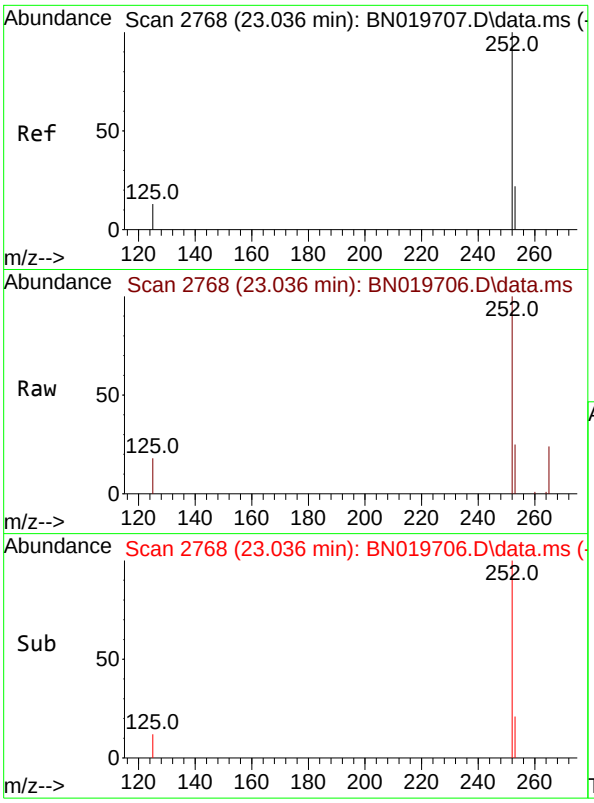


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.215 ng
RT: 26.153 min Scan# 3834
Delta R.T. -0.000 min
Lab File: BN019706.D
Acq: 09 May 2022 17:18

Tgt Ion:276 Resp: 9746

Ion	Ratio	Lower	Upper
276	100		
138	33.3	27.1	40.7
277	24.7	20.0	30.0



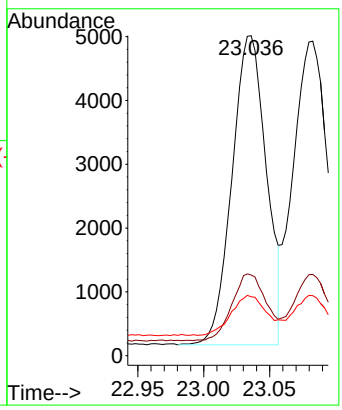


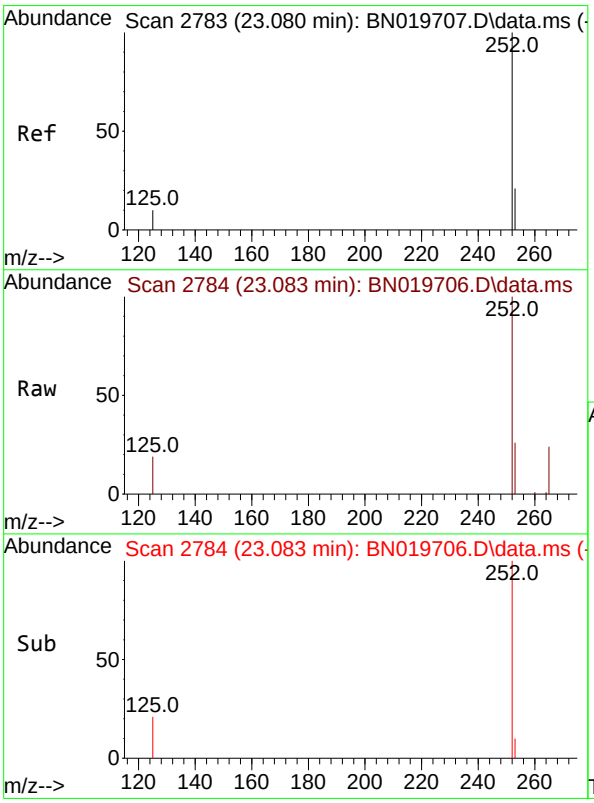
#37
Benzo(b)fluoranthene
Concen: 0.212 ng
RT: 23.036 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN019706.D
Acq: 09 May 2022 17:18

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:252 Resp: 8764

Ion	Ratio	Lower	Upper
252	100		
253	25.2	19.0	28.4
125	18.4	12.3	18.5

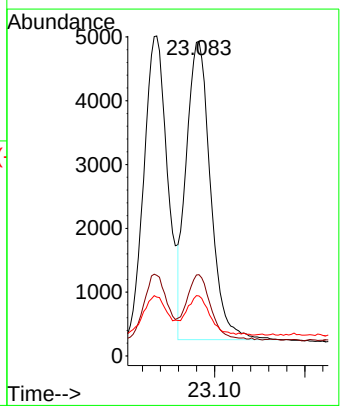


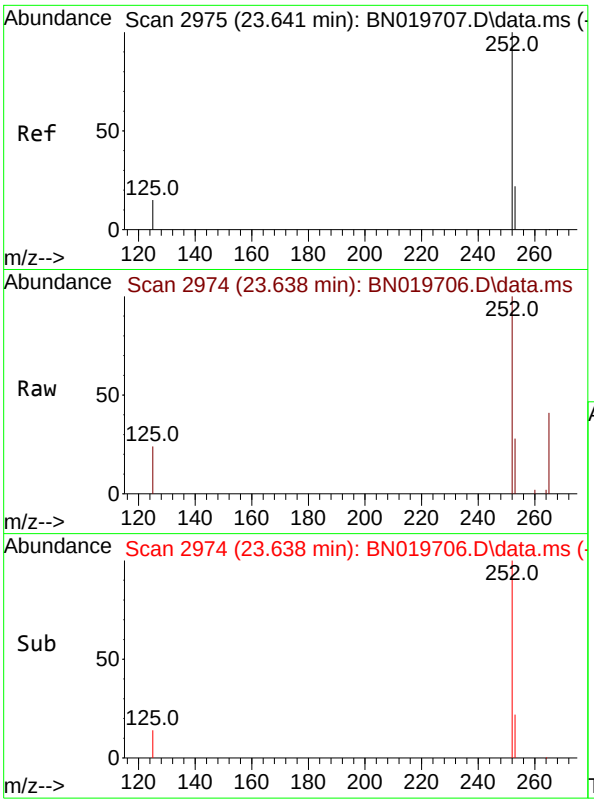


#38
Benzo(k)fluoranthene
Concen: 0.200 ng
RT: 23.083 min Scan# 2784
Delta R.T. 0.003 min
Lab File: BN019706.D
Acq: 09 May 2022 17:18

Tgt Ion:252 Resp: 8729

Ion	Ratio	Lower	Upper
252	100		
253	25.8	18.6	27.8
125	19.1	12.3	18.5#



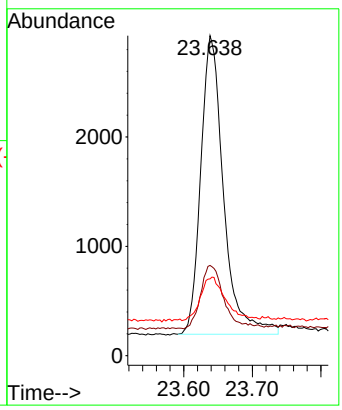


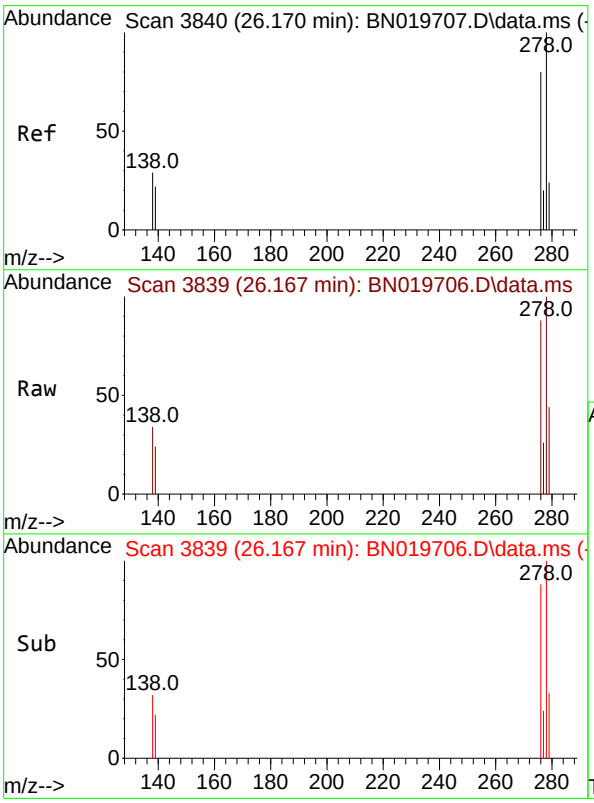
#39
Benzo(a)pyrene
Concen: 0.202 ng
RT: 23.638 min Scan# 2
Delta R.T. -0.003 min
Lab File: BN019706.D
Acq: 09 May 2022 17:18

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:252 Resp: 6316

Ion	Ratio	Lower	Upper
252	100		
253	28.2	20.0	30.0
125	24.0	15.5	23.3#

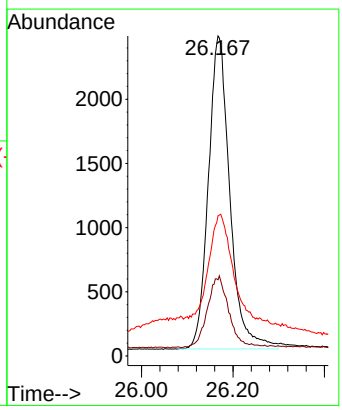


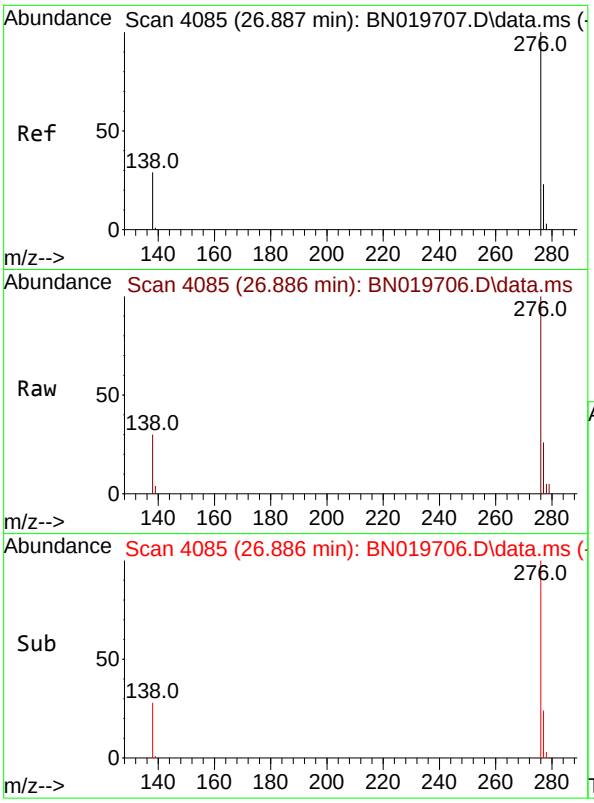


#40
Dibenzo(a,h)anthracene
Concen: 0.215 ng
RT: 26.167 min Scan# 3839
Delta R.T. -0.003 min
Lab File: BN019706.D
Acq: 09 May 2022 17:18

Tgt Ion:278 Resp: 7951

Ion	Ratio	Lower	Upper
278	100		
139	23.8	18.5	27.7
279	43.8	20.2	30.4#





#41
Benzo(g,h,i)perylene
Concen: 0.234 ng
RT: 26.886 min Scan# 4
Delta R.T. -0.000 min
Lab File: BN019706.D
Acq: 09 May 2022 17:18

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:276 Resp: 8564

Ion	Ratio	Lower	Upper
276	100		
277	26.2	19.4	29.0
138	30.0	24.1	36.1