Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050922\
Data File : BN019705.D
Acq On : 09 May 2022 16:43
Operator : CG/JU
Sample : SSTDICC0.1
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Quant Time: May 10 01:06:33 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

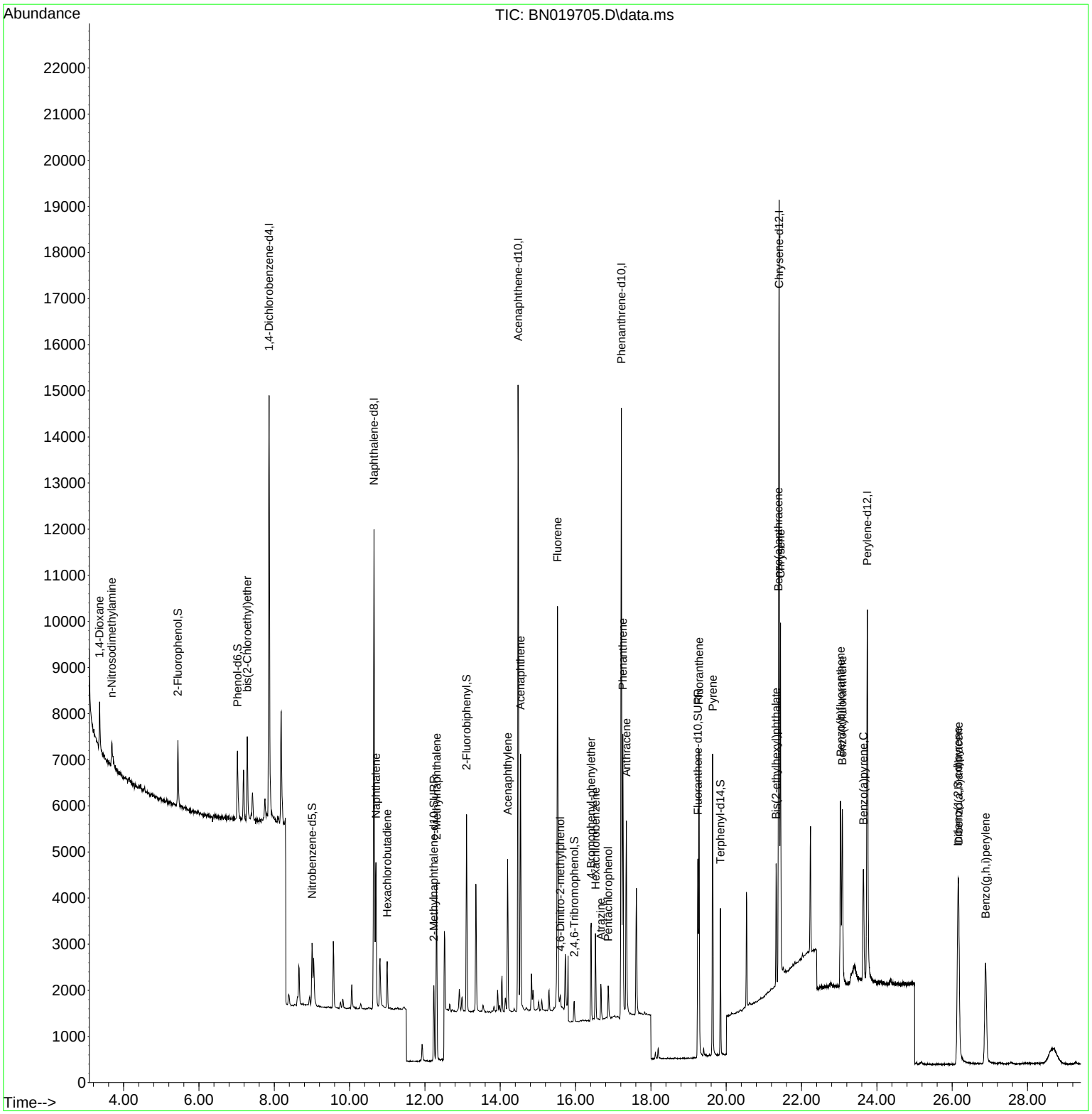
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.862	152	4777	0.400	ng		0.00
7) Naphthalene-d8	10.648	136	14070	0.400	ng		0.00
13) Acenaphthene-d10	14.474	164	7982	0.400	ng		0.00
19) Phenanthrene-d10	17.215	188	17407	0.400	ng		0.00
29) Chrysene-d12	21.404	240	14230	0.400	ng	#	0.00
35) Perylene-d12	23.746	264	12415	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.442	112	1203	0.108	ng		0.00
5) Phenol-d6	7.024	99	1463	0.107	ng		0.00
8) Nitrobenzene-d5	9.003	82	1131	0.099	ng		0.00
11) 2-Methylnaphthalene-d10	12.234	152	2385	0.104	ng		0.00
14) 2,4,6-Tribromophenol	15.964	330	253	0.086	ng		0.00
15) 2-Fluorobiphenyl	13.105	172	3705	0.108	ng		0.00
27) Fluoranthene-d10	19.248	212	4909	0.102	ng		0.00
31) Terphenyl-d14	19.847	244	3526	0.106	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.362	88	632	0.114	ng		98
3) n-Nitrosodimethylamine	3.687	42	633	0.111	ng	#	96
6) bis(2-Chloroethyl)ether	7.284	93	1495	0.108	ng		98
9) Naphthalene	10.701	128	4389	0.109	ng		96
10) Hexachlorobutadiene	11.000	225	851	0.110	ng	#	98
12) 2-Methylnaphthalene	12.310	142	2876	0.109	ng		98
16) Acenaphthylene	14.196	152	3759	0.098	ng		98
17) Acenaphthene	14.538	154	2779	0.105	ng		98
18) Fluorene	15.521	166	3623	0.111	ng		99
20) 4,6-Dinitro-2-methylph...	15.596	198	207	0.078	ng	#	51
21) 4-Bromophenyl-phenylether	16.415	248	1184	0.105	ng		97
22) Hexachlorobenzene	16.528	284	1348	0.108	ng		99
23) Atrazine	16.672	200	678	0.094	ng		96
24) Pentachlorophenol	16.866	266	369	0.079	ng		99
25) Phenanthrene	17.256	178	6324	0.110	ng		99
26) Anthracene	17.348	178	4868	0.099	ng		98
28) Fluoranthene	19.278	202	6268	0.104	ng		99
30) Pyrene	19.640	202	6398	0.109	ng		99
32) Benzo(a)anthracene	21.386	228	5028	0.100	ng		97
33) Chrysene	21.440	228	6323	0.115	ng		99
34) Bis(2-ethylhexyl)phtha...	21.324	149	2614	0.098	ng		100
36) Indeno(1,2,3-cd)pyrene	26.153	276	5528	0.098	ng		99
37) Benzo(b)fluoranthene	23.036	252	5330	0.104	ng	#	86
38) Benzo(k)fluoranthene	23.083	252	5311	0.098	ng	#	87
39) Benzo(a)pyrene	23.641	252	4131	0.106	ng	#	82
40) Dibenzo(a,h)anthracene	26.170	278	4425	0.096	ng	#	90
41) Benzo(g,h,i)perylene	26.886	276	4947	0.109	ng		96

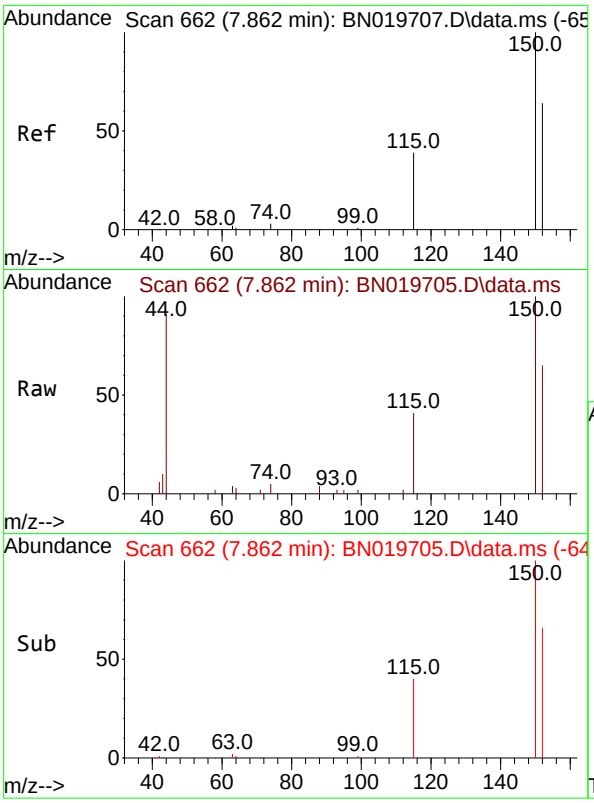
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050922\
Data File : BN019705.D
Acq On : 09 May 2022 16:43
Operator : CG/JU
Sample : SSTDICC0.1
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Quant Time: May 10 01:06:33 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



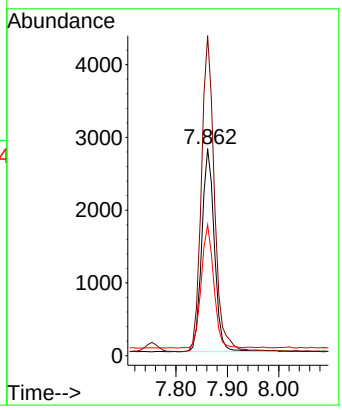


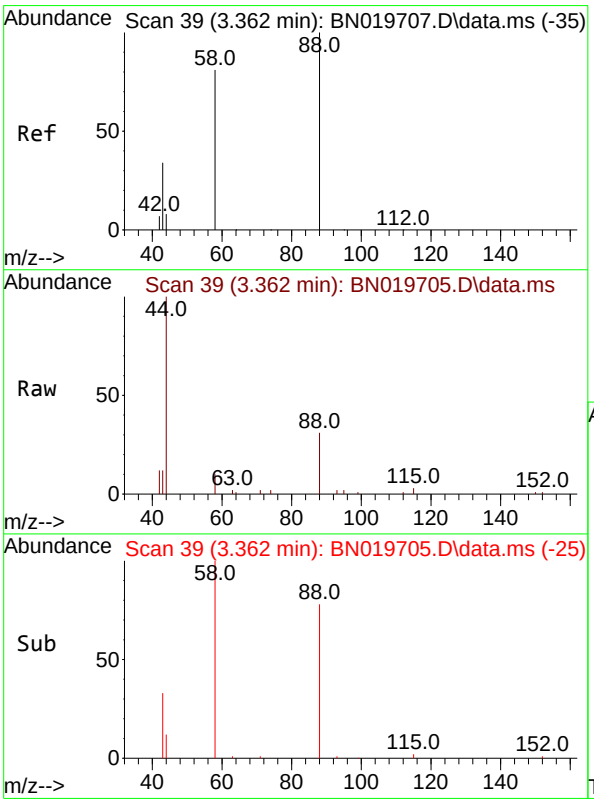
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.862 min Scan# 6
Delta R.T. -0.000 min
Lab File: BN019705.D
Acq: 09 May 2022 16:43

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:152 Resp: 4777

Ion	Ratio	Lower	Upper
152	100		
150	154.5	125.0	187.4
115	63.1	50.6	76.0

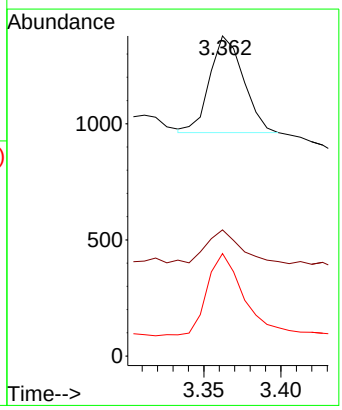


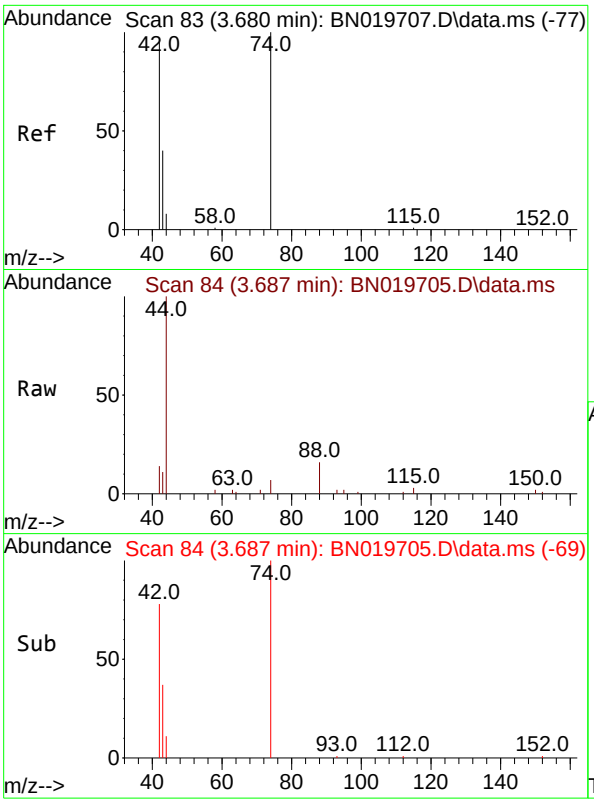


#2
1,4-Dioxane
Concen: 0.114 ng
RT: 3.362 min Scan# 39
Delta R.T. -0.000 min
Lab File: BN019705.D
Acq: 09 May 2022 16:43

Tgt Ion: 88 Resp: 632

Ion	Ratio	Lower	Upper
88	100		
43	33.9	29.0	43.6
58	92.1	73.1	109.7



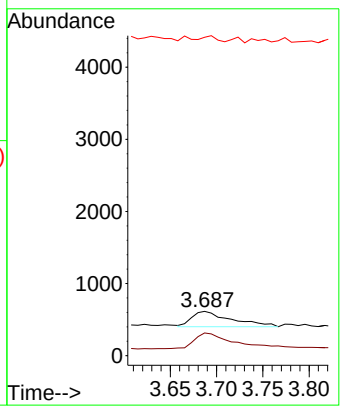


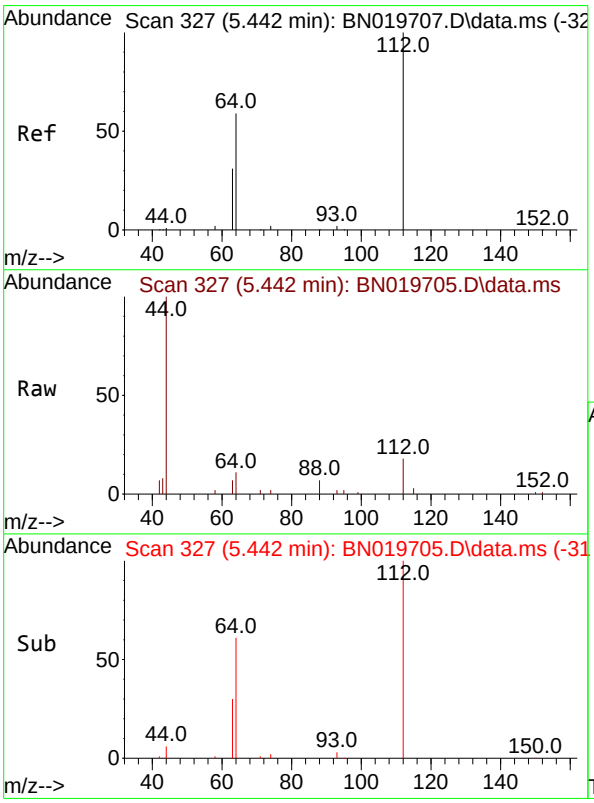
#3
n-Nitrosodimethylamine
Concen: 0.111 ng
RT: 3.687 min Scan# 84
Delta R.T. 0.007 min
Lab File: BN019705.D
Acq: 09 May 2022 16:43

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion: 42 Resp: 633

Ion	Ratio	Lower	Upper
42	100		
74	106.5	87.8	131.6
44	11.7	12.5	18.7#

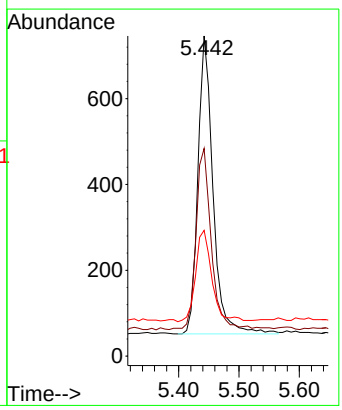


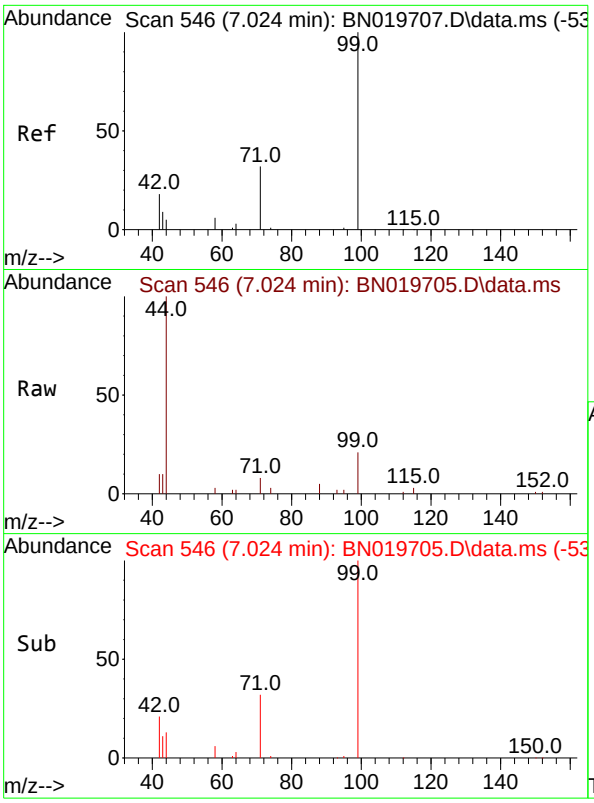


#4
2-Fluorophenol
Concen: 0.108 ng
RT: 5.442 min Scan# 327
Delta R.T. -0.000 min
Lab File: BN019705.D
Acq: 09 May 2022 16:43

Tgt Ion:112 Resp: 1203

Ion	Ratio	Lower	Upper
112	100		
64	61.8	49.1	73.7
63	33.0	26.4	39.6



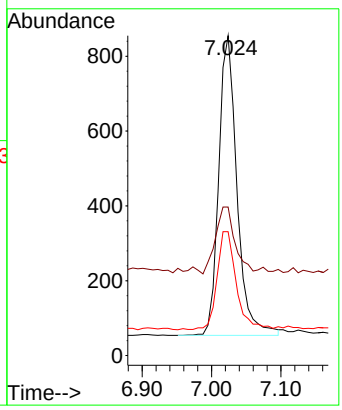


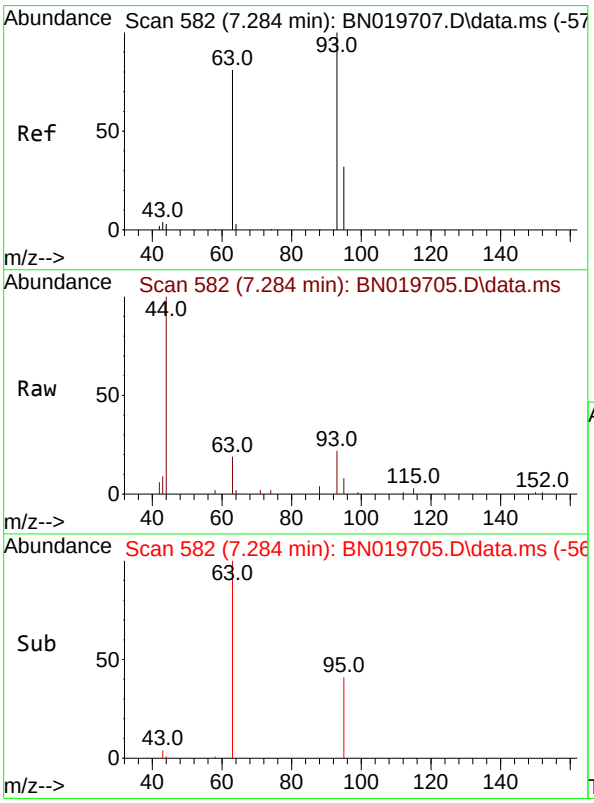
#5
Phenol-d6
Concen: 0.107 ng
RT: 7.024 min Scan# 54
Delta R.T. -0.000 min
Lab File: BN019705.D
Acq: 09 May 2022 16:43

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion: 99 Resp: 1463

Ion	Ratio	Lower	Upper
99	100		
42	24.3	19.6	29.4
71	34.7	27.3	40.9

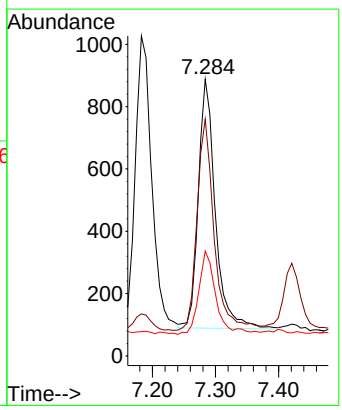


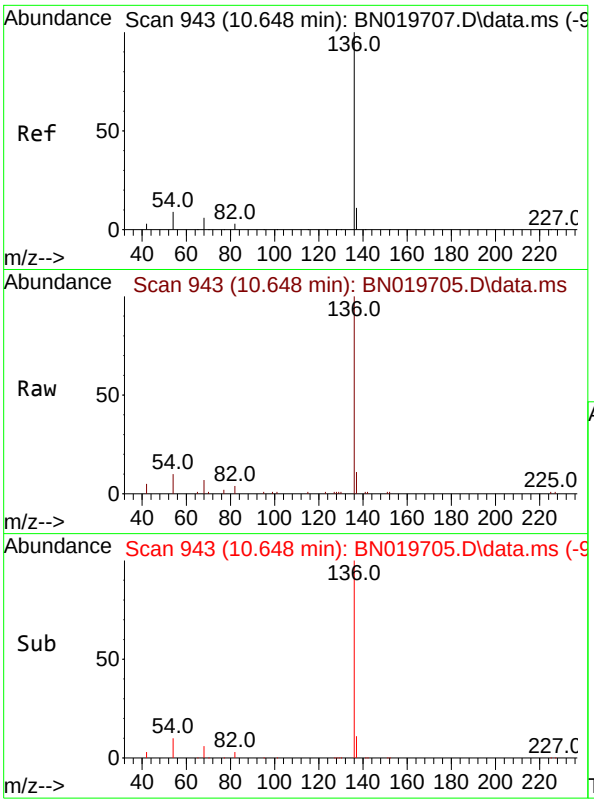


#6
bis(2-Chloroethyl)ether
Concen: 0.108 ng
RT: 7.284 min Scan# 582
Delta R.T. -0.000 min
Lab File: BN019705.D
Acq: 09 May 2022 16:43

Tgt Ion: 93 Resp: 1495

Ion	Ratio	Lower	Upper
93	100		
63	85.5	66.8	100.2
95	33.9	26.6	40.0



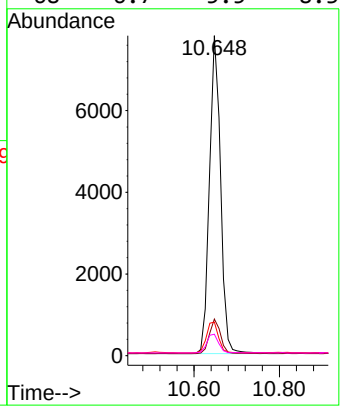


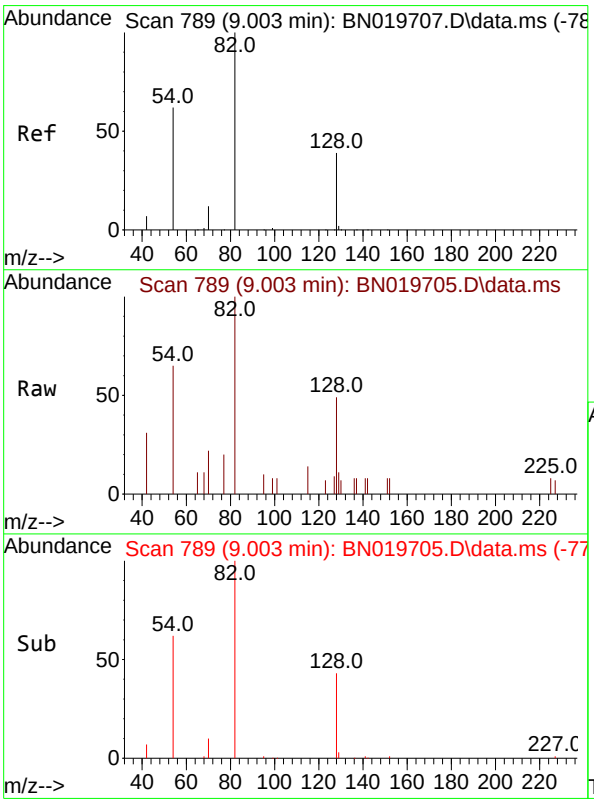
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.648 min Scan# 94
Delta R.T. -0.000 min
Lab File: BN019705.D
Acq: 09 May 2022 16:43

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:136 Resp: 14070

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.1	13.7
54	10.5	8.2	12.4
68	6.7	5.5	8.3

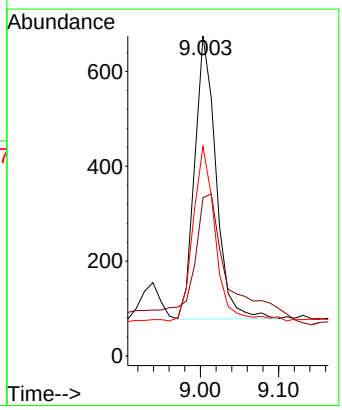


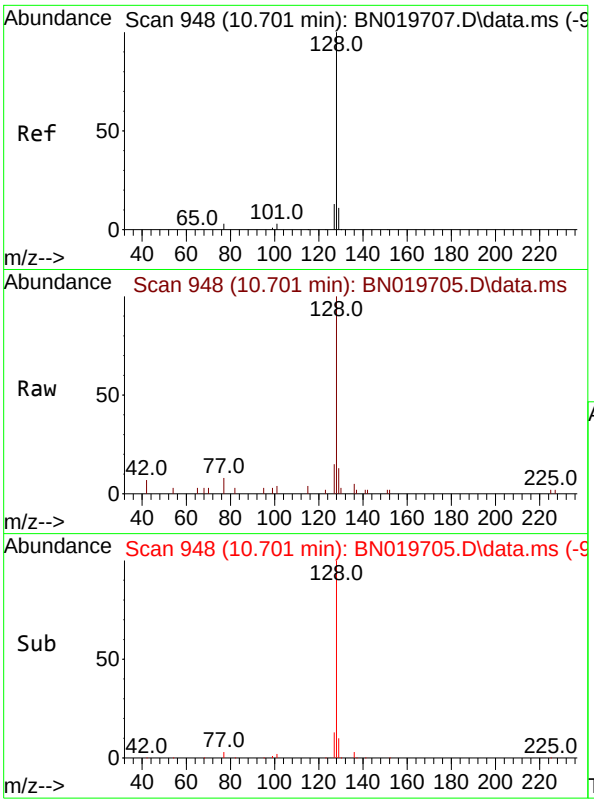


#8
Nitrobenzene-d5
Concen: 0.099 ng
RT: 9.003 min Scan# 789
Delta R.T. -0.000 min
Lab File: BN019705.D
Acq: 09 May 2022 16:43

Tgt Ion: 82 Resp: 1131

Ion	Ratio	Lower	Upper
82	100		
128	49.5	32.4	48.6#
54	65.5	50.7	76.1



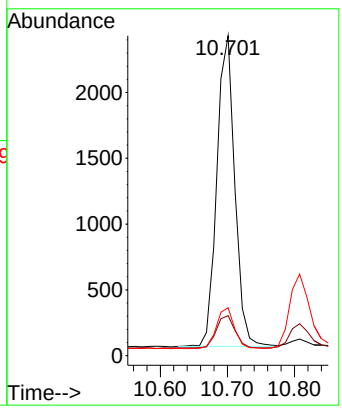


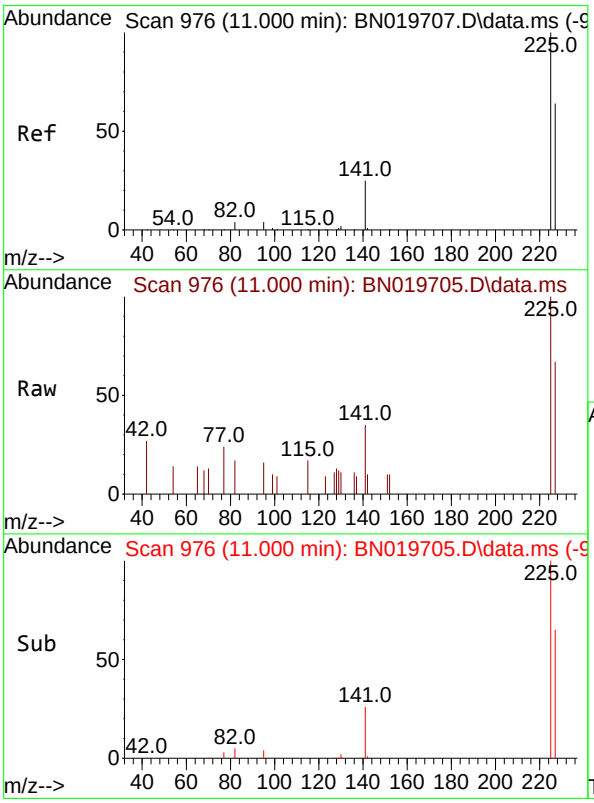
#9
Naphthalene
Concen: 0.109 ng
RT: 10.701 min Scan# 94
Delta R.T. -0.000 min
Lab File: BN019705.D
Acq: 09 May 2022 16:43

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:128 Resp: 4389

Ion	Ratio	Lower	Upper
128	100		
129	12.5	9.0	13.6
127	15.0	10.7	16.1

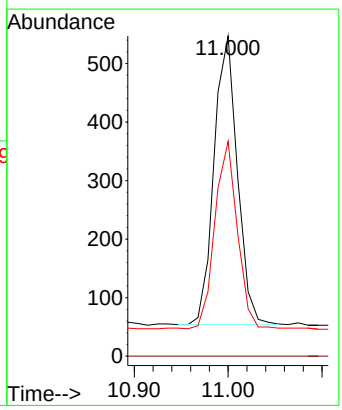


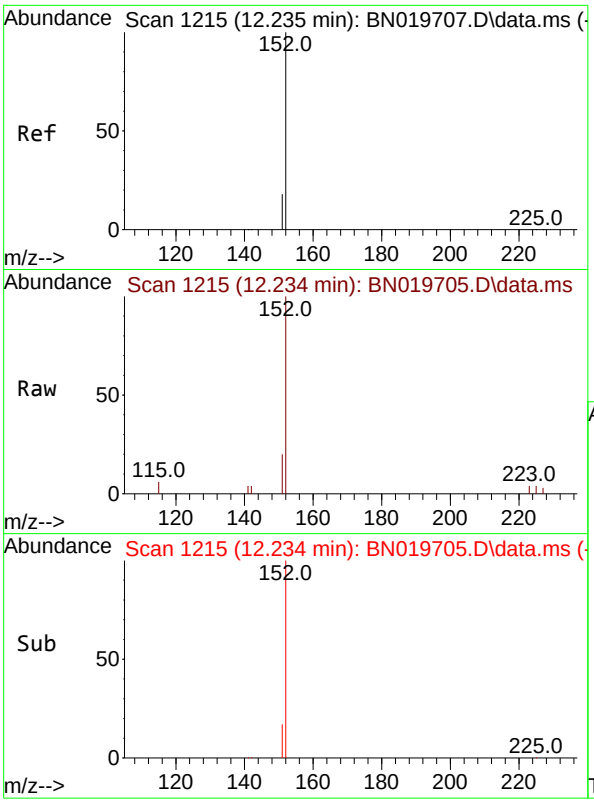


#10
Hexachlorobutadiene
Concen: 0.110 ng
RT: 11.000 min Scan# 976
Delta R.T. -0.000 min
Lab File: BN019705.D
Acq: 09 May 2022 16:43

Tgt Ion:225 Resp: 851

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	62.5	51.0	76.4



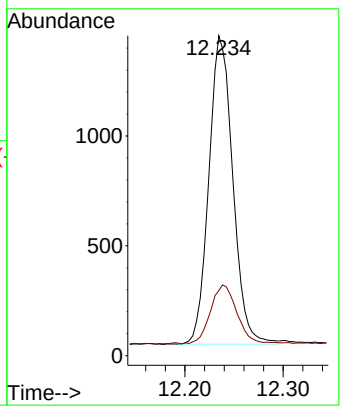


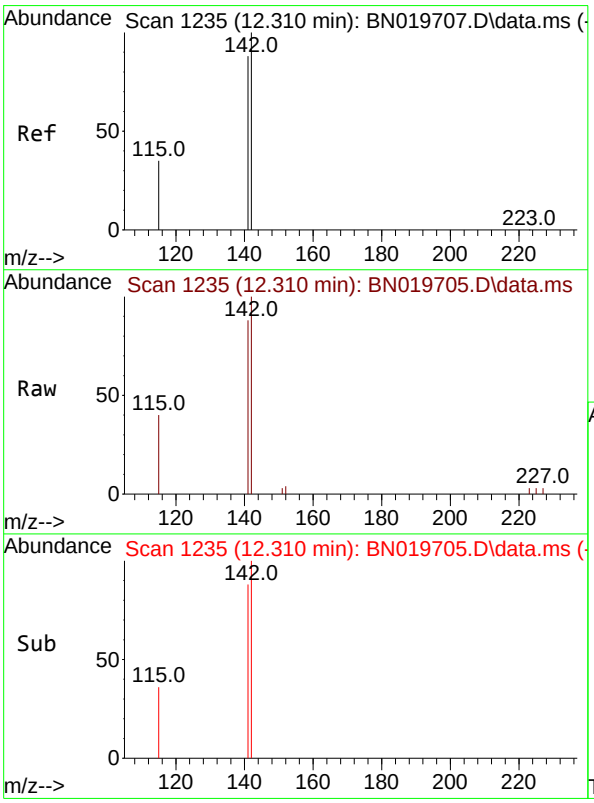
#11
2-Methylnaphthalene-d10
Concen: 0.104 ng
RT: 12.234 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN019705.D
Acq: 09 May 2022 16:43

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:152 Resp: 2385

Ion	Ratio	Lower	Upper
152	100		
151	21.1	16.4	24.6

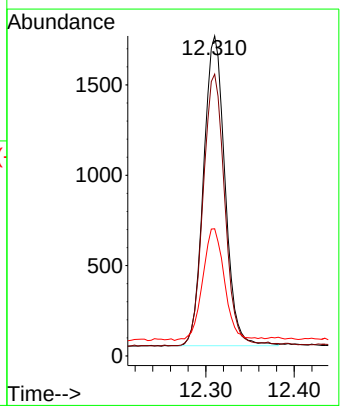


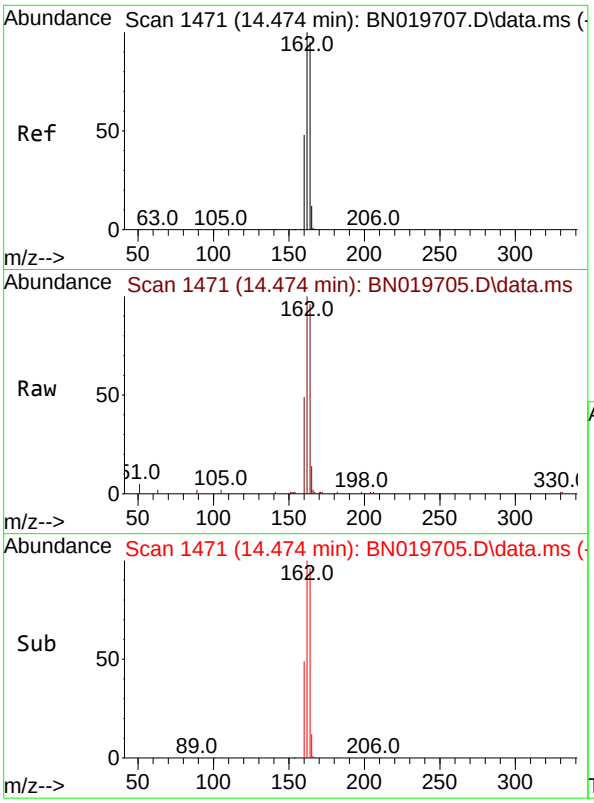


#12
2-Methylnaphthalene
Concen: 0.109 ng
RT: 12.310 min Scan# 1235
Delta R.T. -0.000 min
Lab File: BN019705.D
Acq: 09 May 2022 16:43

Tgt Ion:142 Resp: 2876

Ion	Ratio	Lower	Upper
142	100		
141	88.0	70.1	105.1
115	39.8	28.8	43.2



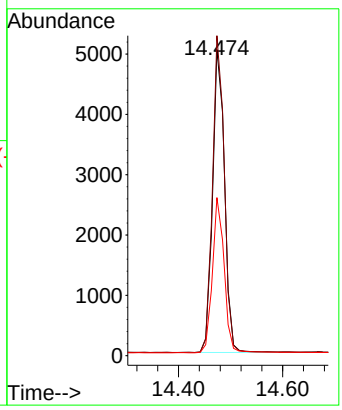


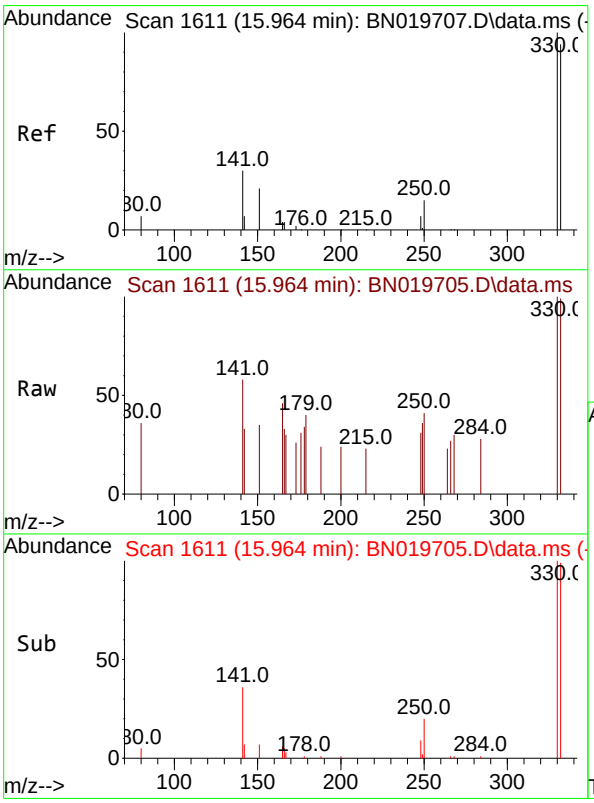
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.474 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN019705.D
Acq: 09 May 2022 16:43

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:164 Resp: 7982

Ion	Ratio	Lower	Upper
164	100		
162	104.5	84.0	126.0
160	51.6	41.1	61.7

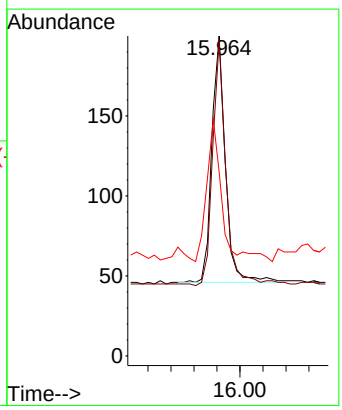


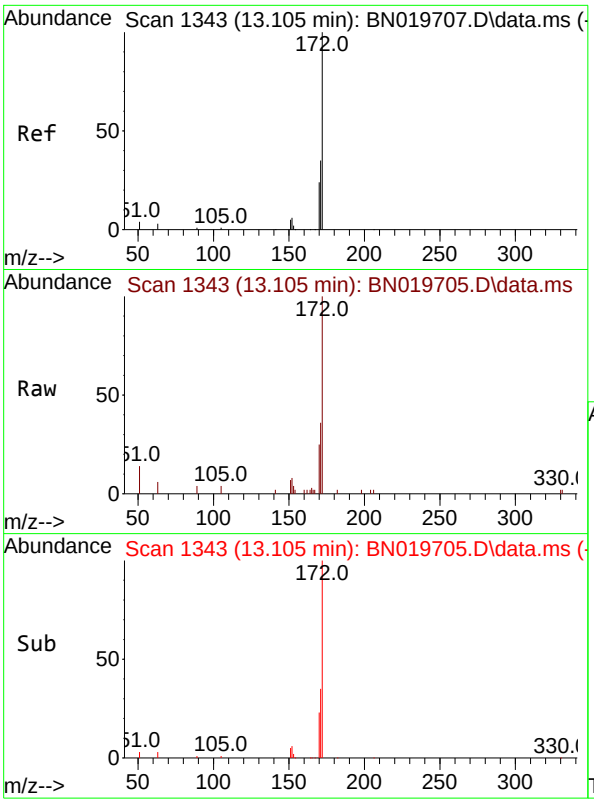


#14
2,4,6-Tribromophenol
Concen: 0.086 ng
RT: 15.964 min Scan# 1611
Delta R.T. -0.000 min
Lab File: BN019705.D
Acq: 09 May 2022 16:43

Tgt Ion:330 Resp: 253

Ion	Ratio	Lower	Upper
330	100		
332	97.6	75.7	113.5
141	58.5	40.2	60.2



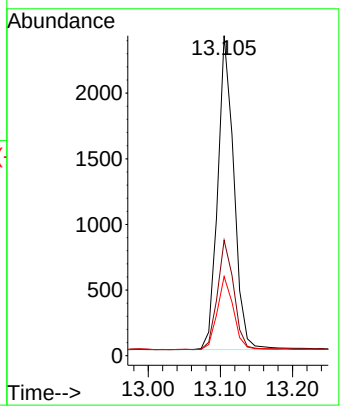


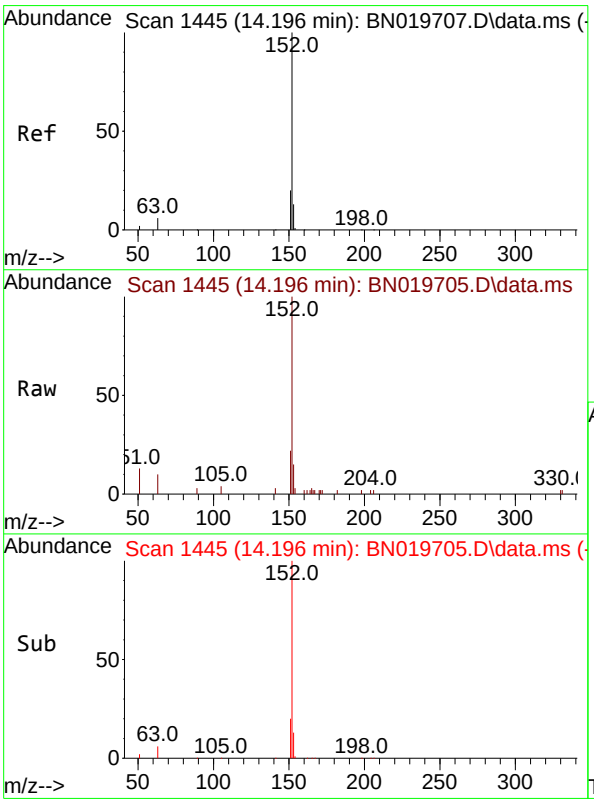
#15
2-Fluorobiphenyl
Concen: 0.108 ng
RT: 13.105 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN019705.D
Acq: 09 May 2022 16:43

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:172 Resp: 3705

Ion	Ratio	Lower	Upper
172	100		
171	36.1	28.5	42.7
170	24.7	19.4	29.2

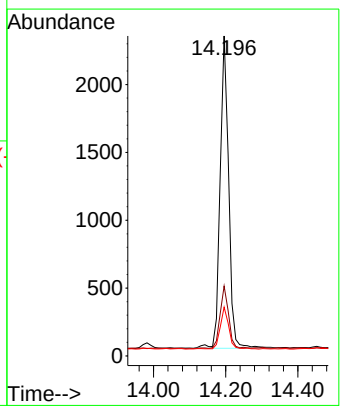


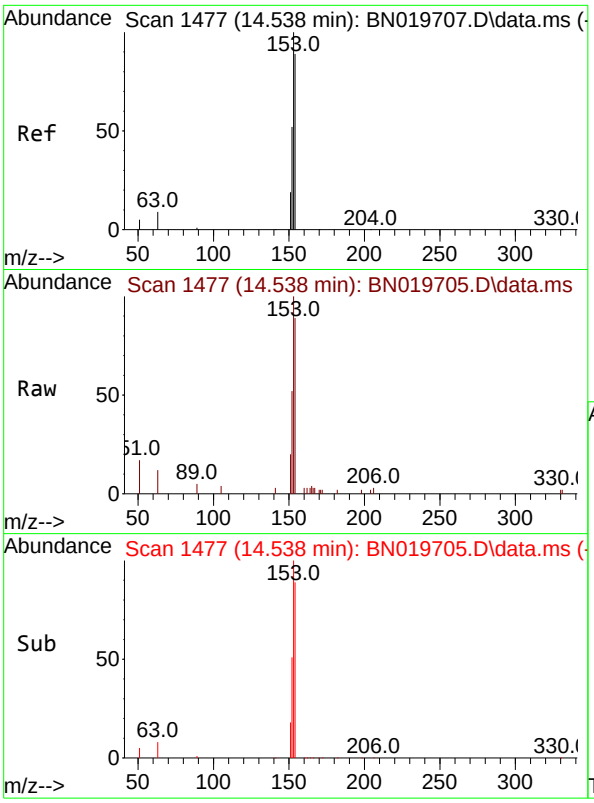


#16
Acenaphthylene
Concen: 0.098 ng
RT: 14.196 min Scan# 1445
Delta R.T. -0.000 min
Lab File: BN019705.D
Acq: 09 May 2022 16:43

Tgt Ion:152 Resp: 3759

Ion	Ratio	Lower	Upper
152	100		
151	20.1	15.4	23.2
153	13.2	10.0	15.0



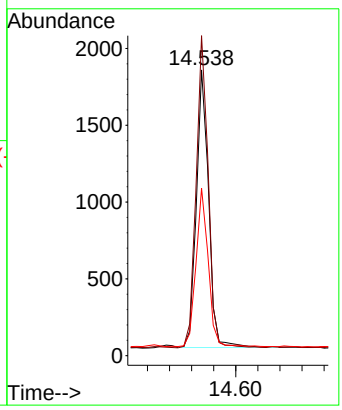


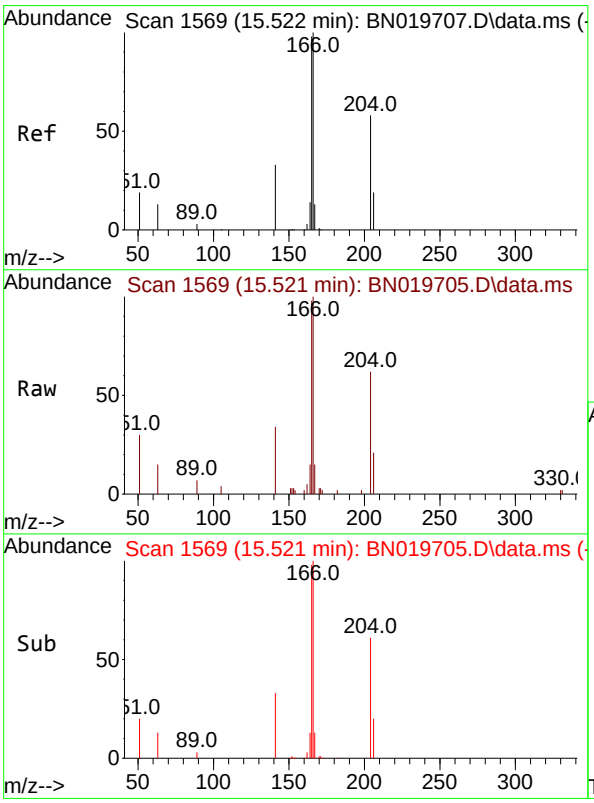
#17
Acenaphthene
Concen: 0.105 ng
RT: 14.538 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN019705.D
Acq: 09 May 2022 16:43

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:154 Resp: 2779

Ion	Ratio	Lower	Upper
154	100		
153	111.3	87.1	130.7
152	56.9	45.5	68.3

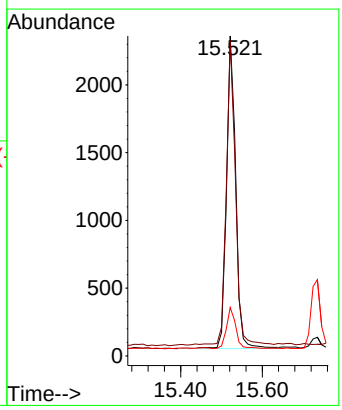


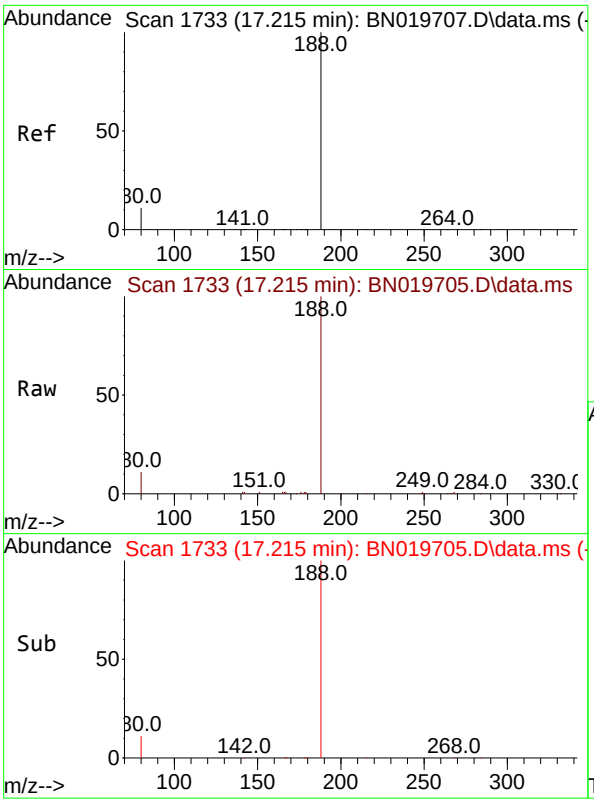


#18
Fluorene
Concen: 0.111 ng
RT: 15.521 min Scan# 1569
Delta R.T. -0.000 min
Lab File: BN019705.D
Acq: 09 May 2022 16:43

Tgt Ion:166 Resp: 3623

Ion	Ratio	Lower	Upper
166	100		
165	96.7	78.0	117.0
167	13.3	10.8	16.2



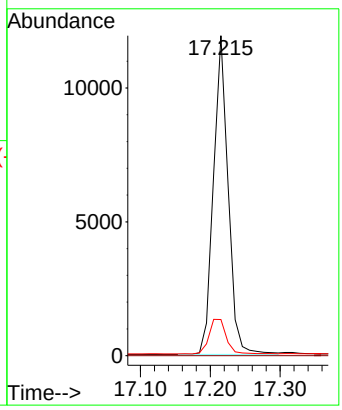


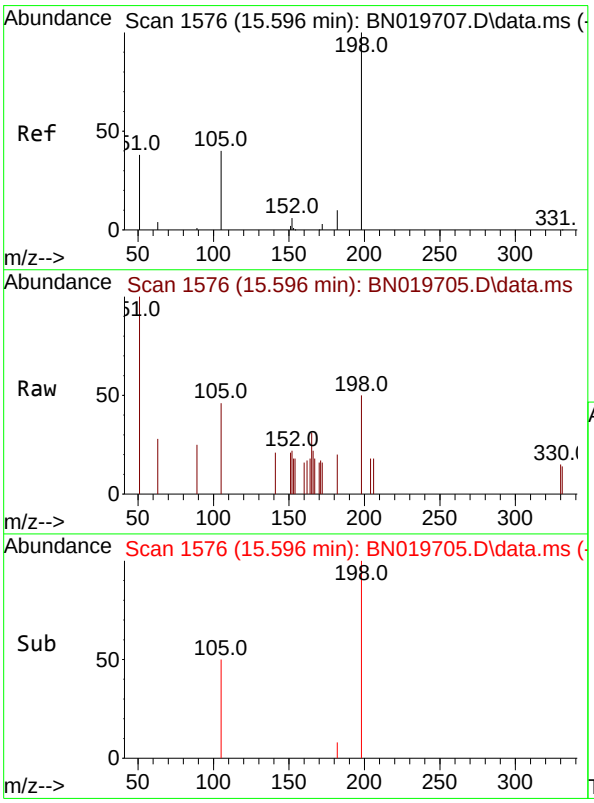
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.215 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN019705.D
Acq: 09 May 2022 16:43

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:188 Resp: 17407

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	11.3	9.6	14.4

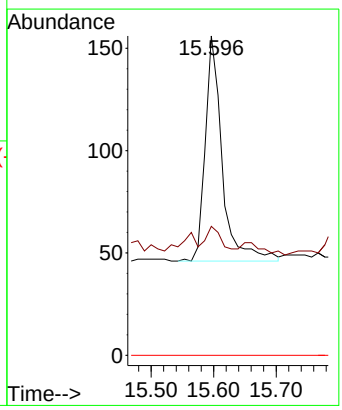


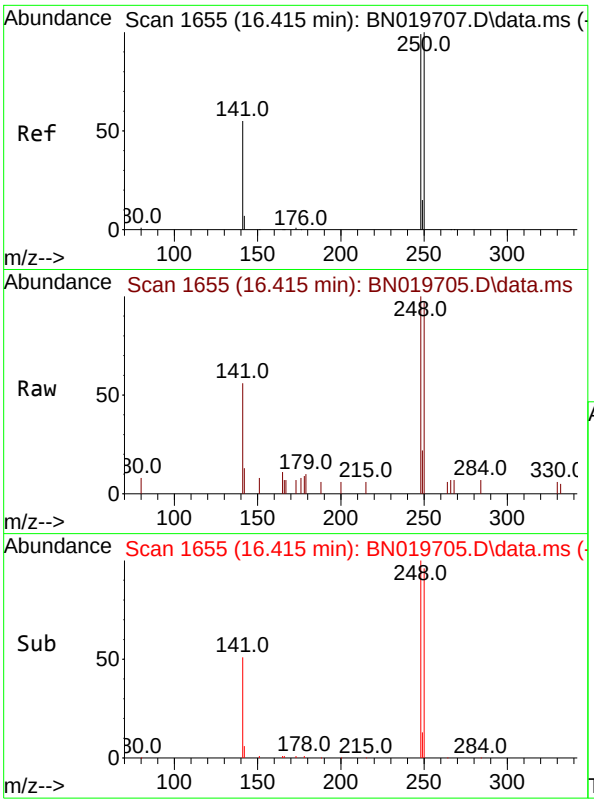


#20
4,6-Dinitro-2-methylphenol
Concen: 0.078 ng
RT: 15.596 min Scan# 1576
Delta R.T. -0.000 min
Lab File: BN019705.D
Acq: 09 May 2022 16:43

Tgt Ion:198 Resp: 207

Ion	Ratio	Lower	Upper
198	100		
182	40.4	14.9	22.3#
77	0.0	0.0	0.0



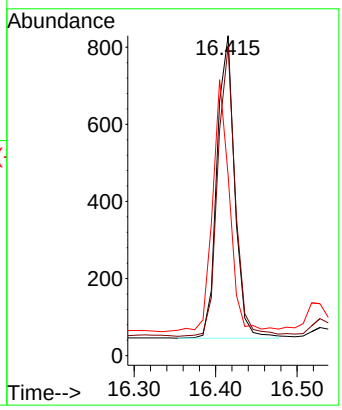


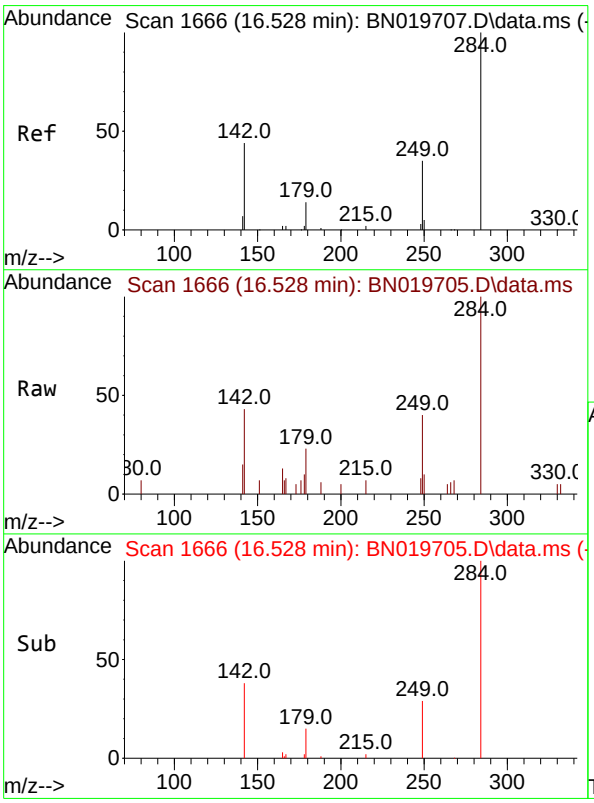
#21
4-Bromophenyl-phenylether
Concen: 0.105 ng
RT: 16.415 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN019705.D
Acq: 09 May 2022 16:43

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:248 Resp: 1184

Ion	Ratio	Lower	Upper
248	100		
250	96.9	80.6	121.0
141	56.4	45.4	68.2

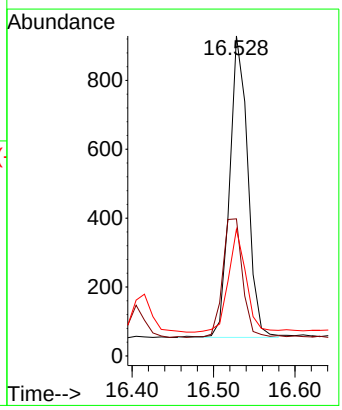


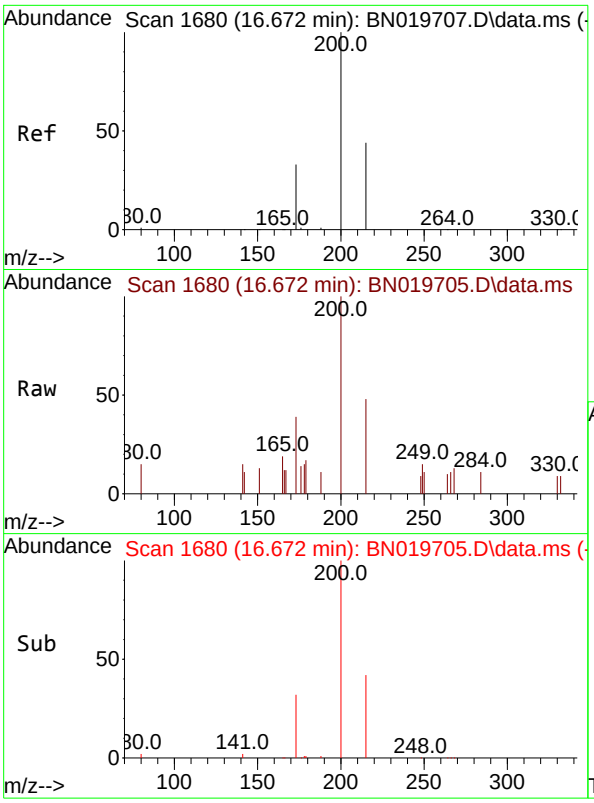


#22
Hexachlorobenzene
Concen: 0.108 ng
RT: 16.528 min Scan# 1666
Delta R.T. -0.000 min
Lab File: BN019705.D
Acq: 09 May 2022 16:43

Tgt Ion:284 Resp: 1348

Ion	Ratio	Lower	Upper
284	100		
142	43.5	35.4	53.2
249	33.5	26.1	39.1



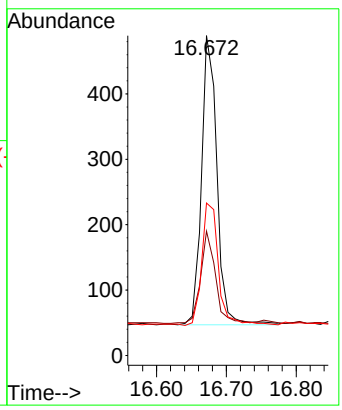


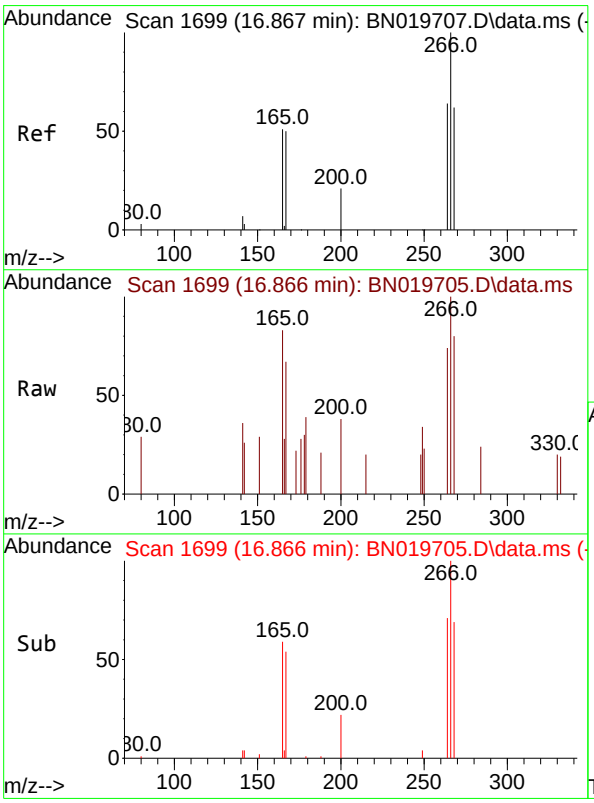
#23
Atrazine
Concen: 0.094 ng
RT: 16.672 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN019705.D
Acq: 09 May 2022 16:43

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:200 Resp: 678

Ion	Ratio	Lower	Upper
200	100		
173	38.9	28.4	42.6
215	47.6	36.3	54.5

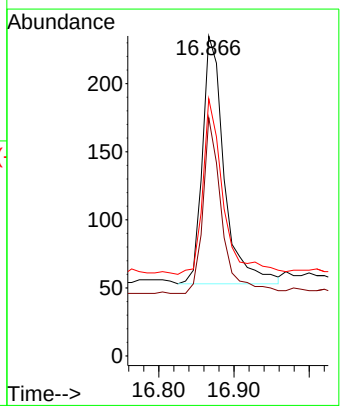


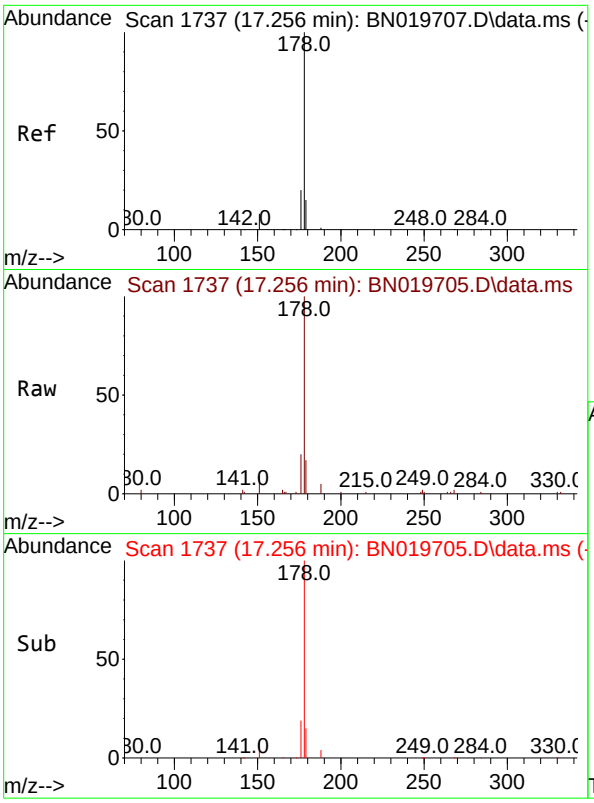


#24
Pentachlorophenol
Concen: 0.079 ng
RT: 16.866 min Scan# 1699
Delta R.T. -0.000 min
Lab File: BN019705.D
Acq: 09 May 2022 16:43

Tgt Ion:266 Resp: 369

Ion	Ratio	Lower	Upper
266	100		
264	60.7	49.3	73.9
268	65.3	51.3	76.9



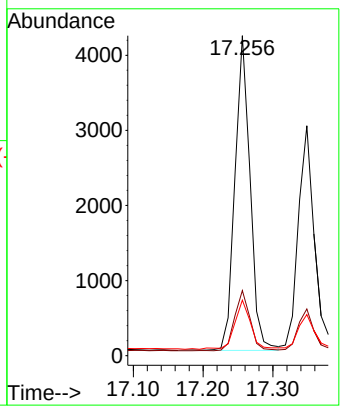


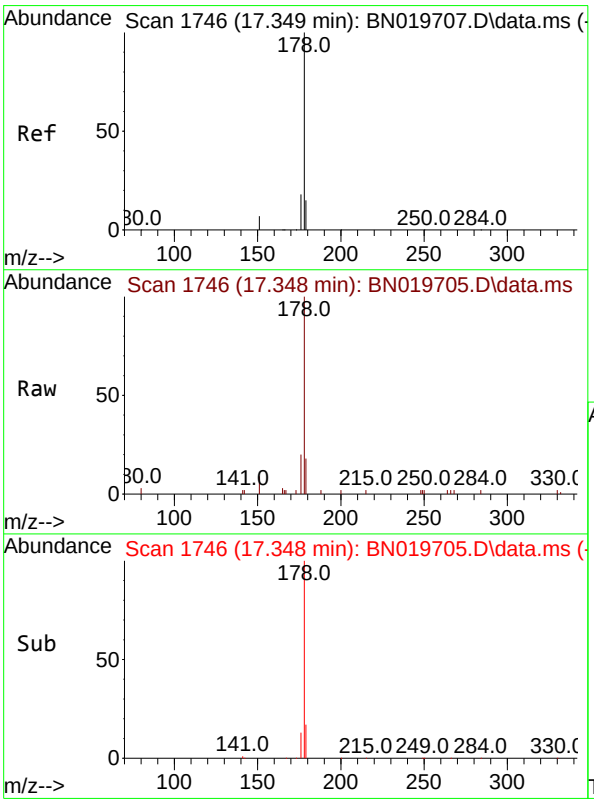
#25
Phenanthrene
Concen: 0.110 ng
RT: 17.256 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN019705.D
Acq: 09 May 2022 16:43

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:178 Resp: 6324

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.4	23.2
179	16.3	12.2	18.2

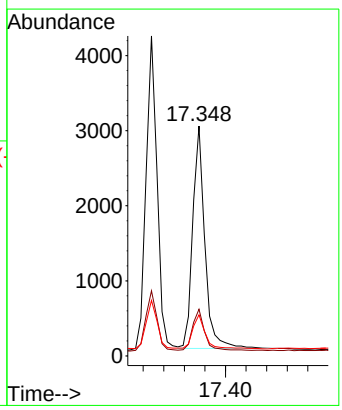


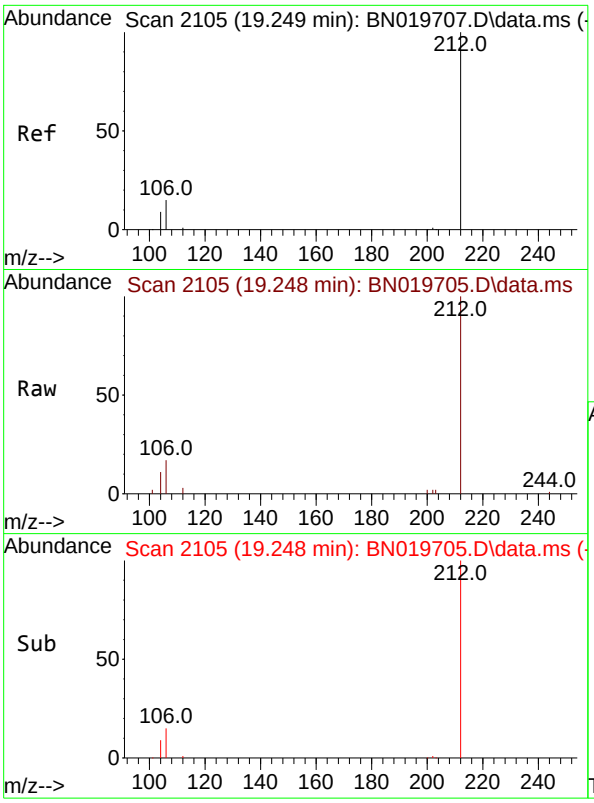


#26
Anthracene
Concen: 0.099 ng
RT: 17.348 min Scan# 1746
Delta R.T. -0.000 min
Lab File: BN019705.D
Acq: 09 May 2022 16:43

Tgt Ion:178 Resp: 4868

Ion	Ratio	Lower	Upper
178	100		
176	18.0	14.8	22.2
179	16.5	12.0	18.0



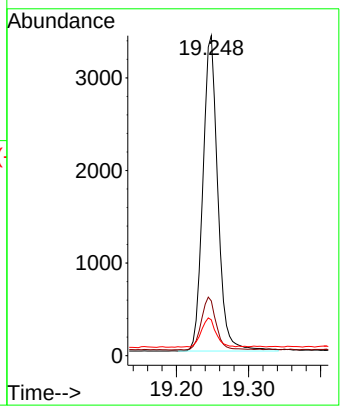


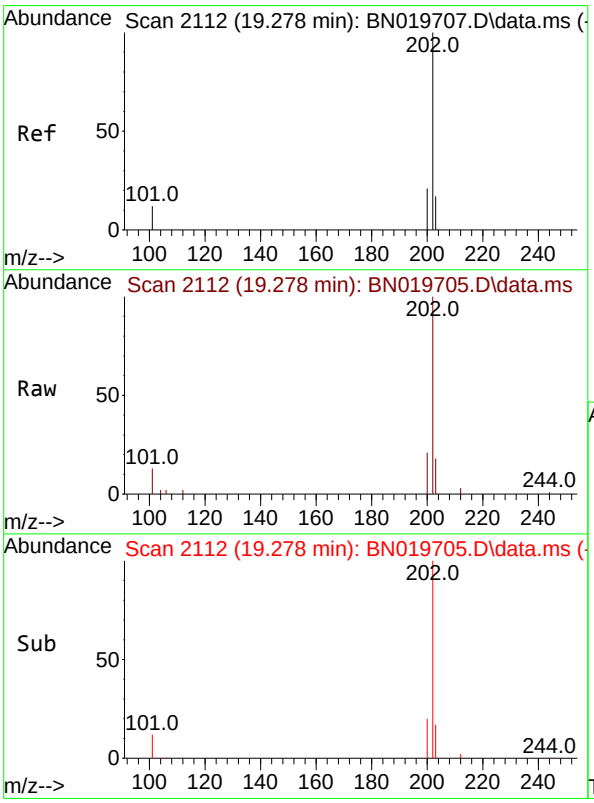
#27
Fluoranthene-d10
Concen: 0.102 ng
RT: 19.248 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN019705.D
Acq: 09 May 2022 16:43

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:212 Resp: 4909

Ion	Ratio	Lower	Upper
212	100		
106	16.7	13.0	19.4
104	8.8	7.3	10.9

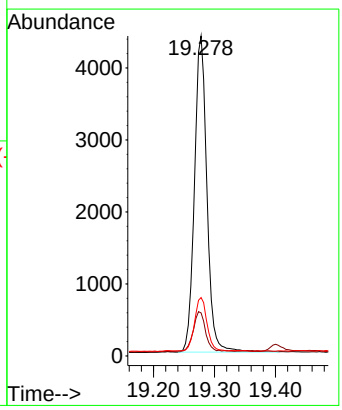


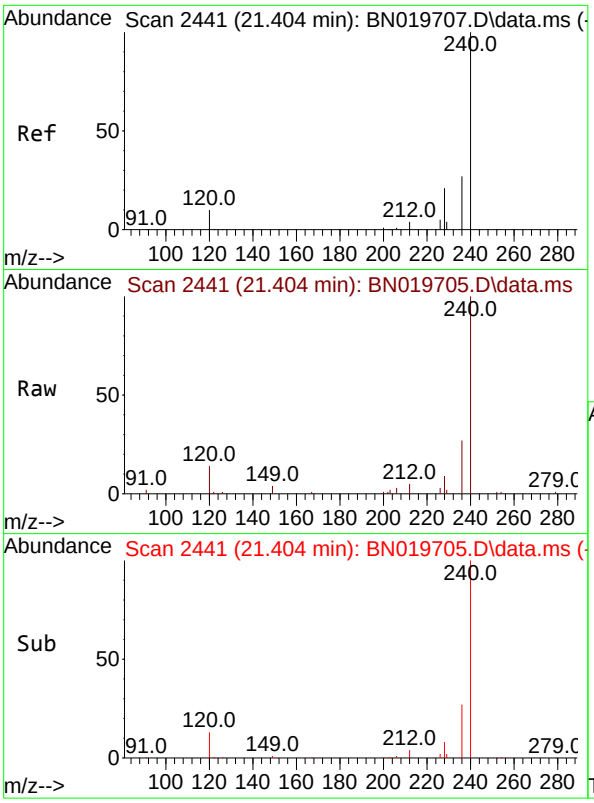


#28
Fluoranthene
Concen: 0.104 ng
RT: 19.278 min Scan# 2112
Delta R.T. -0.000 min
Lab File: BN019705.D
Acq: 09 May 2022 16:43

Tgt Ion:202 Resp: 6268

Ion	Ratio	Lower	Upper
202	100		
101	12.5	10.2	15.2
203	16.6	13.6	20.4



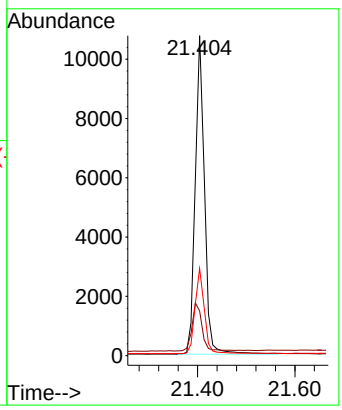


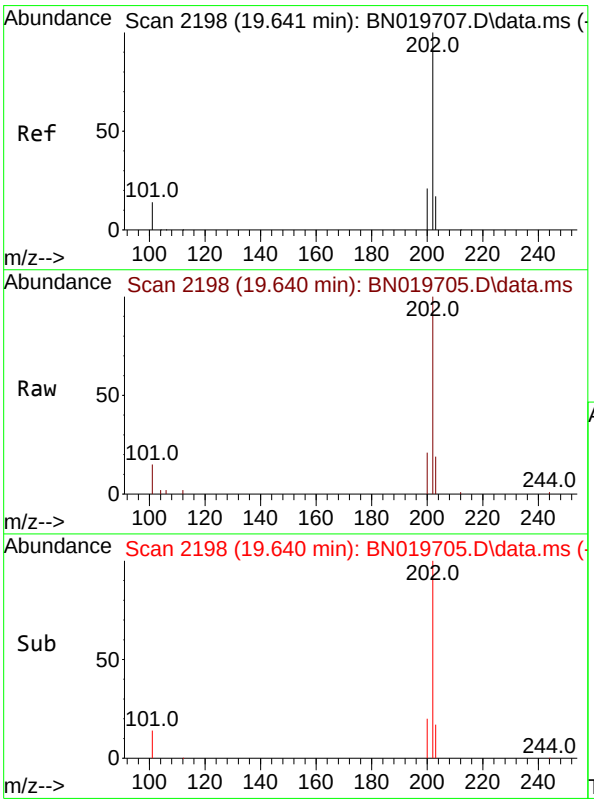
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.404 min Scan# 24
Delta R.T. -0.000 min
Lab File: BN019705.D
Acq: 09 May 2022 16:43

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:240 Resp: 14230

Ion	Ratio	Lower	Upper
240	100		
120	14.0	9.0	13.6#
236	27.3	22.0	33.0

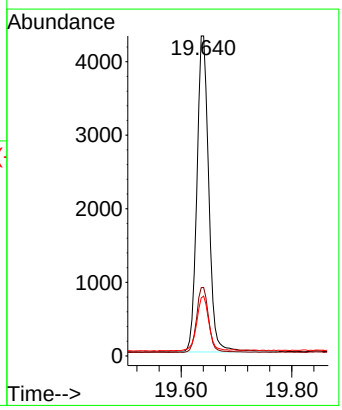


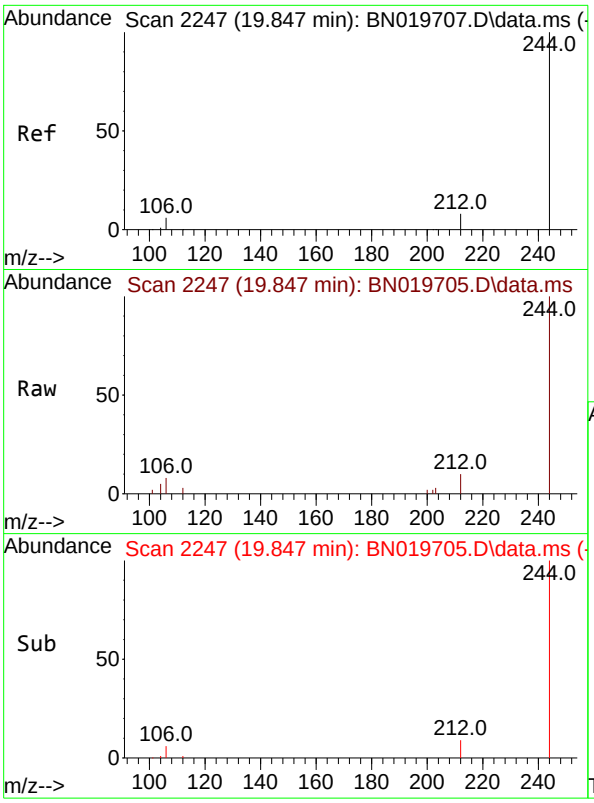


#30
Pyrene
Concen: 0.109 ng
RT: 19.640 min Scan# 2198
Delta R.T. -0.000 min
Lab File: BN019705.D
Acq: 09 May 2022 16:43

Tgt Ion:202 Resp: 6398

Ion	Ratio	Lower	Upper
202	100		
200	20.9	16.7	25.1
203	18.2	14.2	21.2



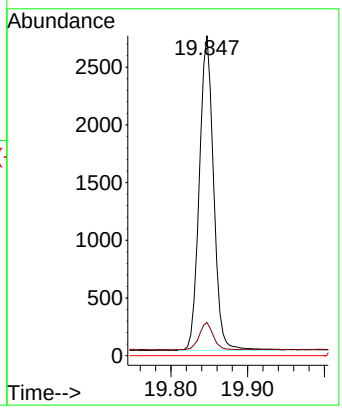


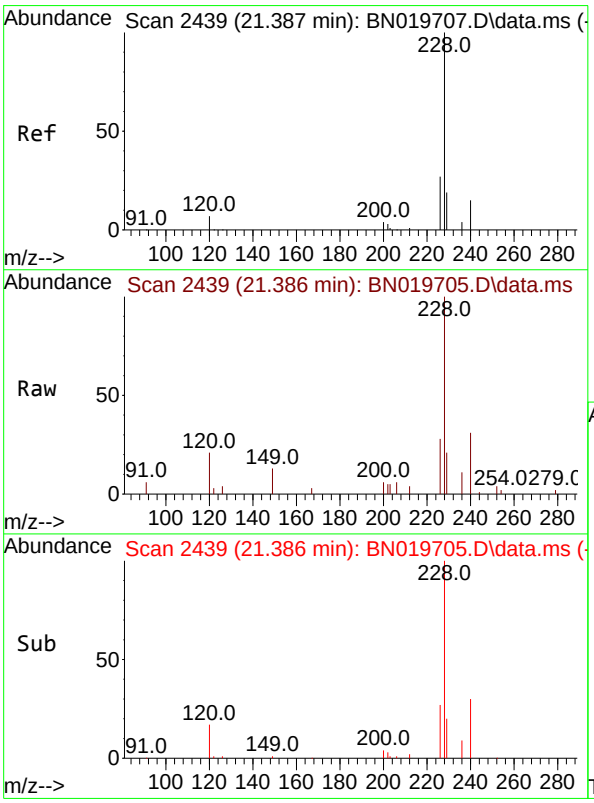
#31
Terphenyl-d14
Concen: 0.106 ng
RT: 19.847 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN019705.D
Acq: 09 May 2022 16:43

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:244 Resp: 3526

Ion	Ratio	Lower	Upper
244	100		
212	10.3	7.0	10.6
122	0.0	0.0	0.0

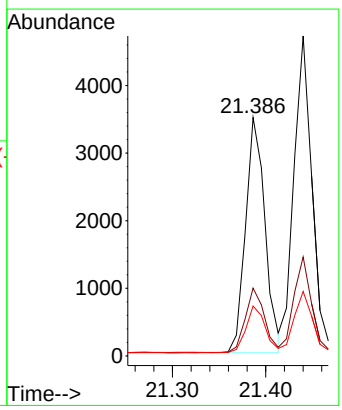


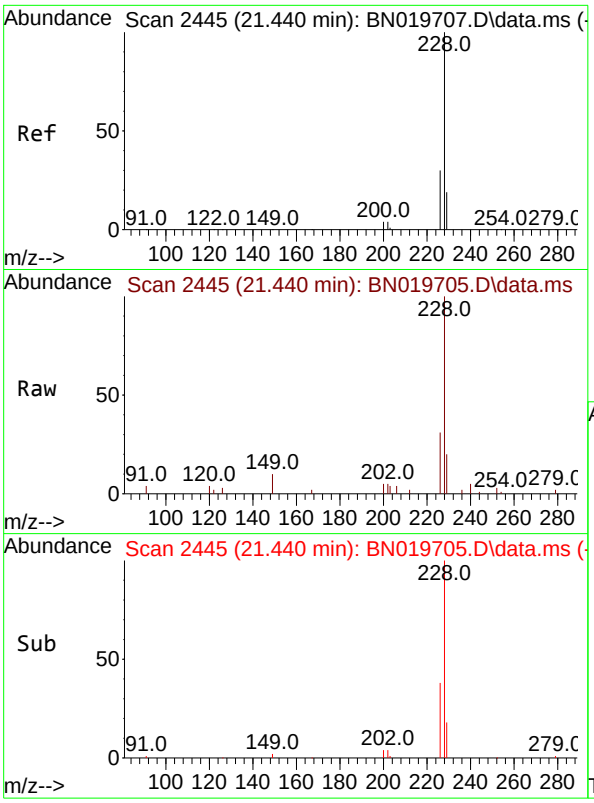


#32
Benzo(a)anthracene
Concen: 0.100 ng
RT: 21.386 min Scan# 2439
Delta R.T. -0.000 min
Lab File: BN019705.D
Acq: 09 May 2022 16:43

Tgt Ion:228 Resp: 5028

Ion	Ratio	Lower	Upper
228	100		
226	28.4	21.8	32.8
229	21.0	15.7	23.5



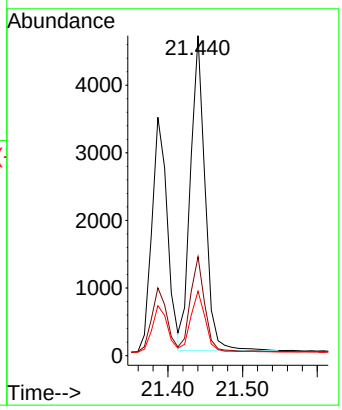


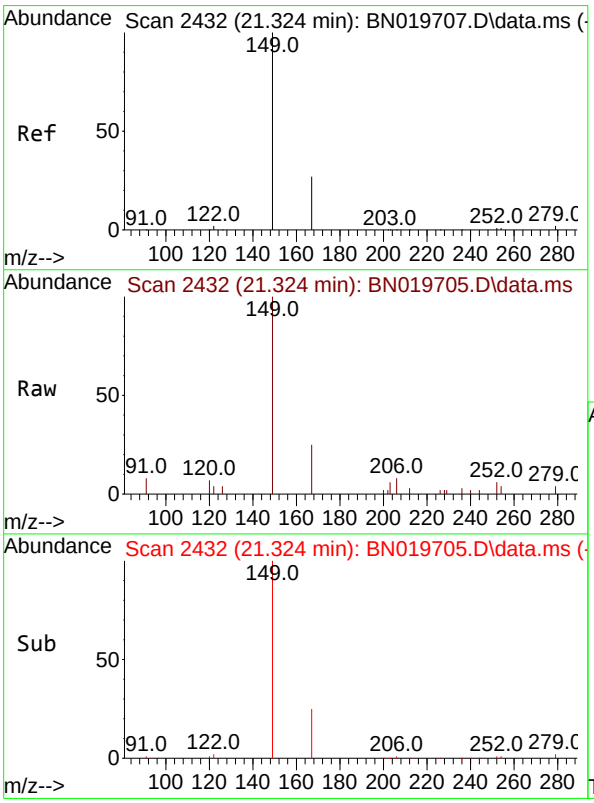
#33
Chrysene
Concen: 0.115 ng
RT: 21.440 min Scan# 24
Delta R.T. -0.000 min
Lab File: BN019705.D
Acq: 09 May 2022 16:43

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:228 Resp: 6323

Ion	Ratio	Lower	Upper
228	100		
226	31.0	24.0	36.0
229	20.2	15.8	23.6

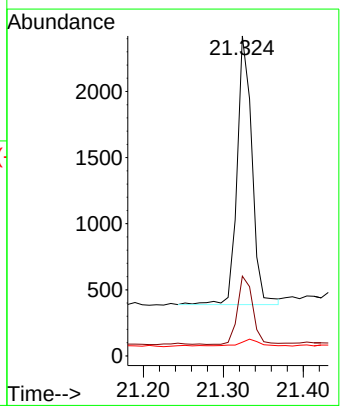


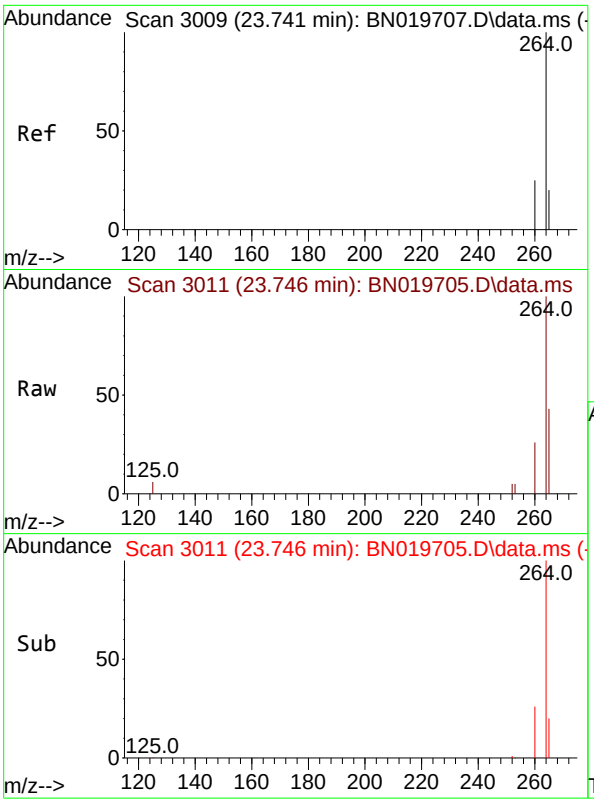


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.098 ng
RT: 21.324 min Scan# 2432
Delta R.T. -0.000 min
Lab File: BN019705.D
Acq: 09 May 2022 16:43

Tgt Ion:149 Resp: 2614

Ion	Ratio	Lower	Upper
149	100		
167	26.2	21.0	31.6
279	3.1	2.2	3.2



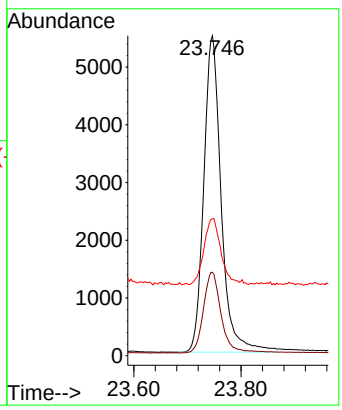


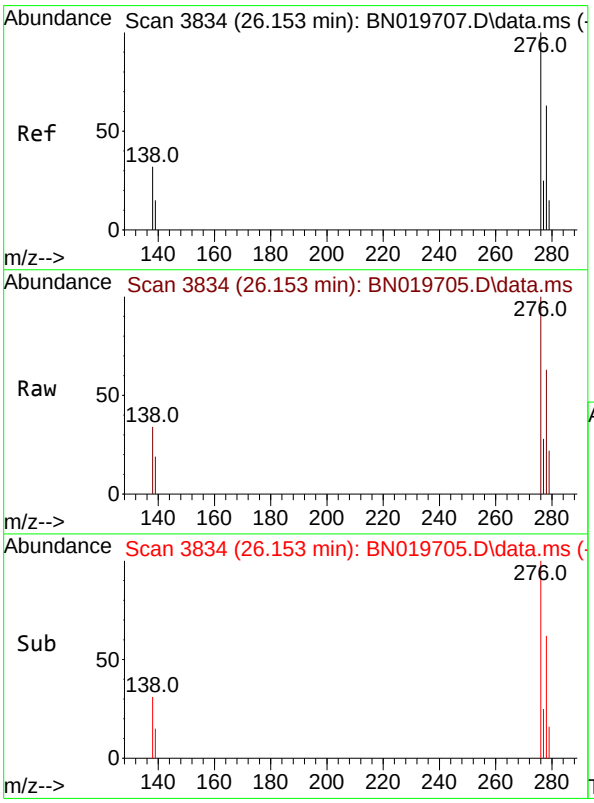
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.746 min Scan# 3
Delta R.T. 0.006 min
Lab File: BN019705.D
Acq: 09 May 2022 16:43

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:264 Resp: 12415

Ion	Ratio	Lower	Upper
264	100		
260	26.1	20.8	31.2
265	42.8	35.6	53.4

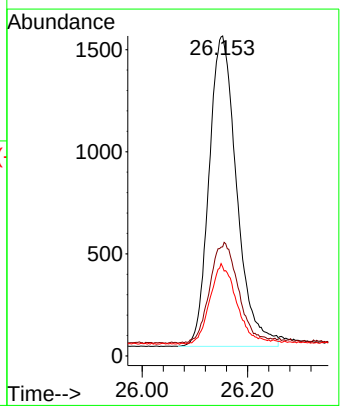


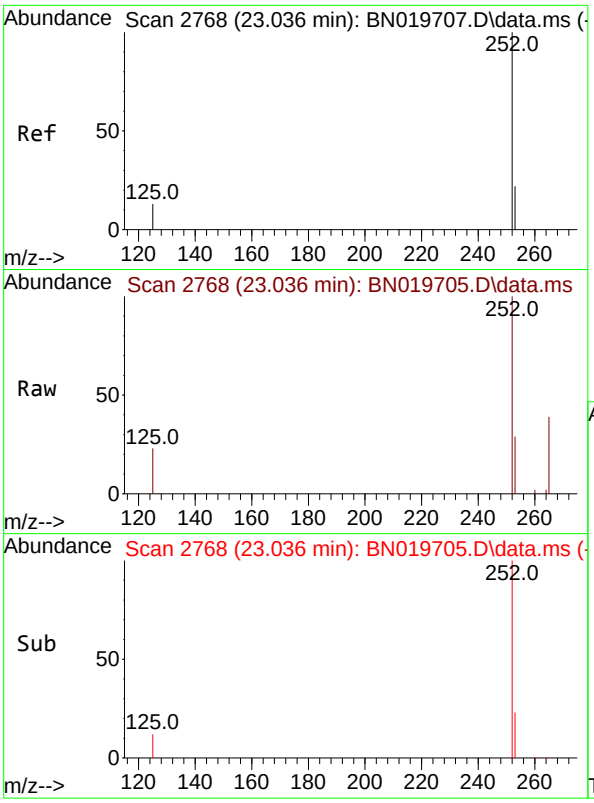


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.098 ng
RT: 26.153 min Scan# 3834
Delta R.T. -0.000 min
Lab File: BN019705.D
Acq: 09 May 2022 16:43

Tgt Ion:276 Resp: 5528

Ion	Ratio	Lower	Upper
276	100		
138	33.4	27.1	40.7
277	24.9	20.0	30.0



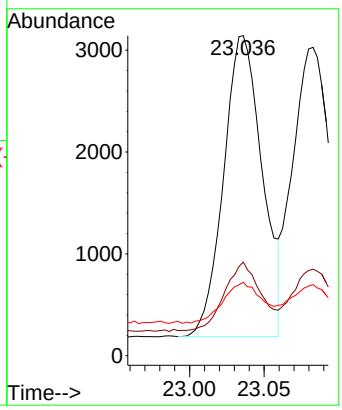


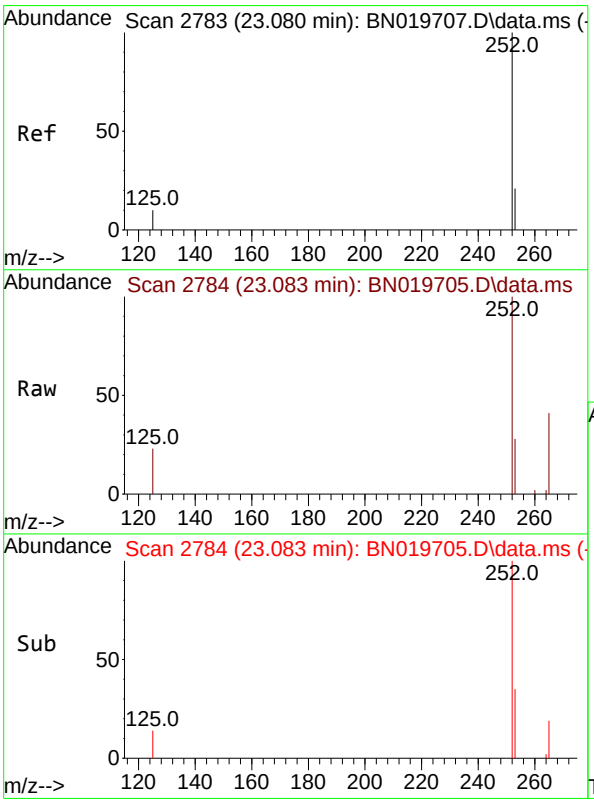
#37
Benzo(b)fluoranthene
Concen: 0.104 ng
RT: 23.036 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN019705.D
Acq: 09 May 2022 16:43

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:252 Resp: 5330

Ion	Ratio	Lower	Upper
252	100		
253	29.3	19.0	28.4#
125	23.0	12.3	18.5#

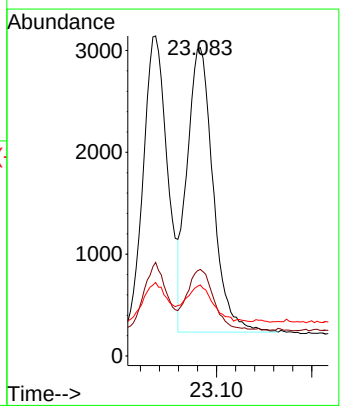


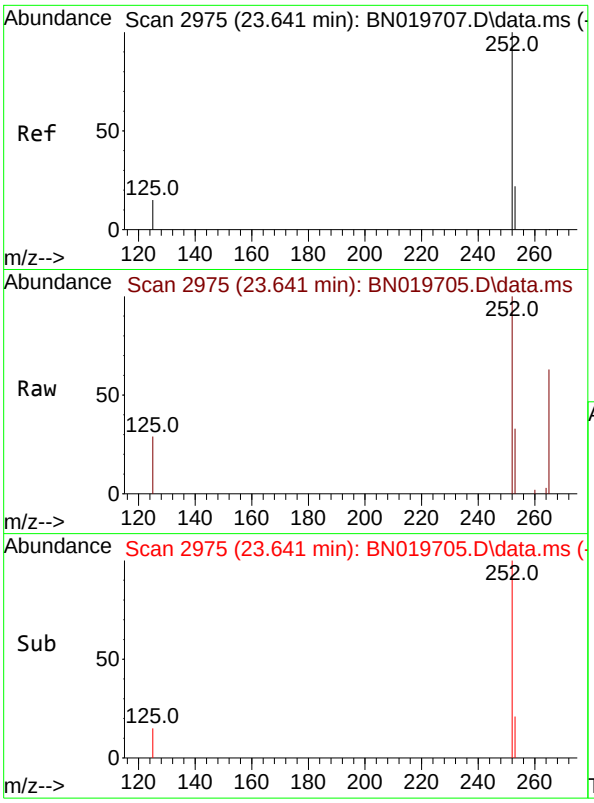


#38
Benzo(k)fluoranthene
Concen: 0.098 ng
RT: 23.083 min Scan# 2784
Delta R.T. 0.003 min
Lab File: BN019705.D
Acq: 09 May 2022 16:43

Tgt Ion:252 Resp: 5311

Ion	Ratio	Lower	Upper
252	100		
253	28.1	18.6	27.8#
125	23.1	12.3	18.5#



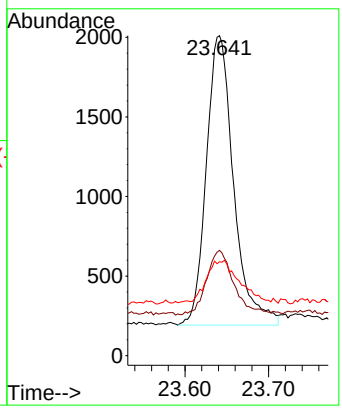


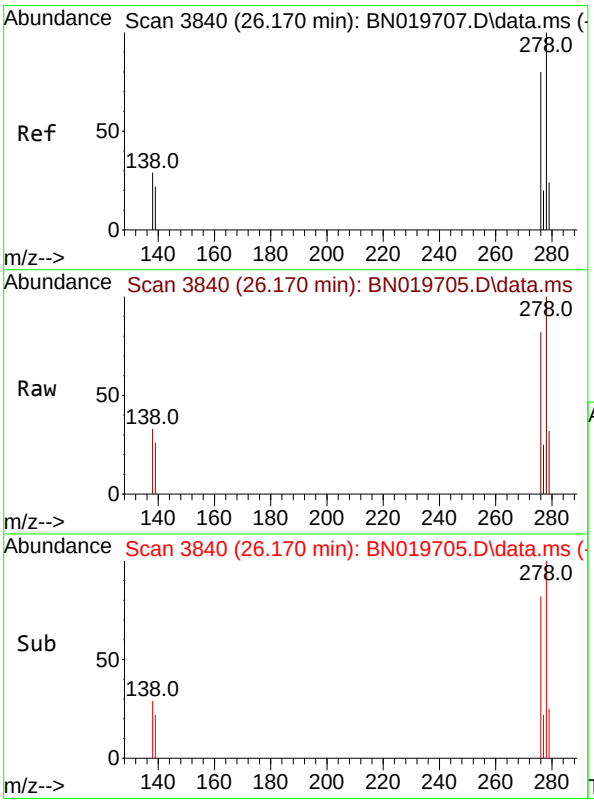
#39
Benzo(a)pyrene
Concen: 0.106 ng
RT: 23.641 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN019705.D
Acq: 09 May 2022 16:43

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:252 Resp: 4131

Ion	Ratio	Lower	Upper
252	100		
253	32.9	20.0	30.0#
125	29.4	15.5	23.3#

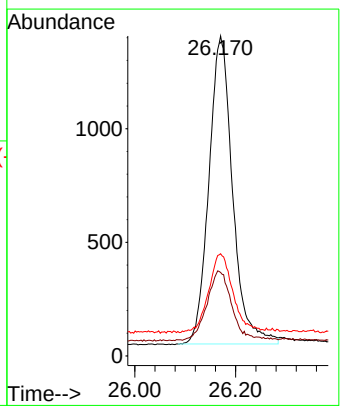


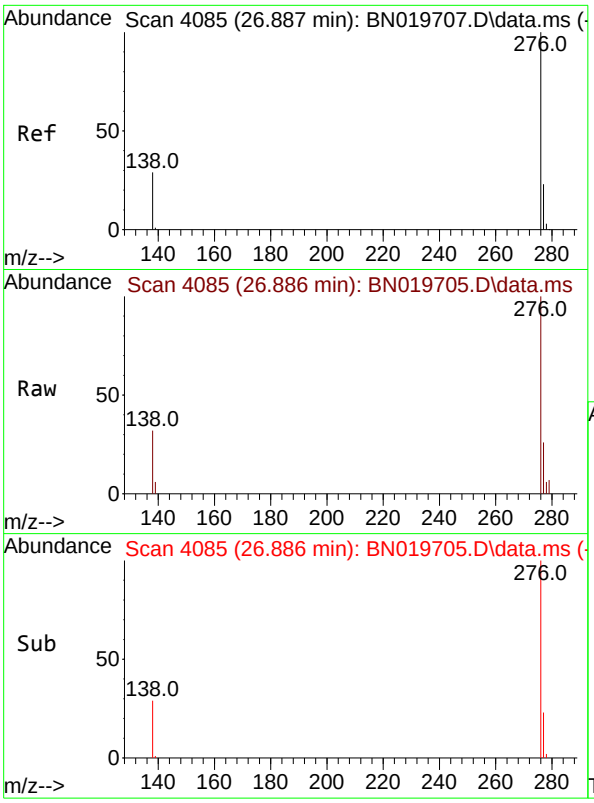


#40
Dibenzo(a,h)anthracene
Concen: 0.096 ng
RT: 26.170 min Scan# 3840
Delta R.T. -0.000 min
Lab File: BN019705.D
Acq: 09 May 2022 16:43

Tgt Ion:278 Resp: 4425

Ion	Ratio	Lower	Upper
278	100		
139	26.1	18.5	27.7
279	32.0	20.2	30.4#





#41
Benzo(g,h,i)perylene
Concen: 0.109 ng
RT: 26.886 min Scan# 4
Delta R.T. -0.000 min
Lab File: BN019705.D
Acq: 09 May 2022 16:43

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:276 Resp: 4947

Ion	Ratio	Lower	Upper
276	100		
277	26.2	19.4	29.0
138	32.2	24.1	36.1