Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051922\
Data File : BN019855.D
Acq On : 19 May 2022 14:56
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Quant Time: May 20 06:34:50 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN051322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 18 07:42:52 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.854	152	3965	0.400	ng		0.00
7) Naphthalene-d8	10.637	136	13361	0.400	ng	#	0.00
13) Acenaphthene-d10	14.473	164	8612	0.400	ng		0.01
19) Phenanthrene-d10	17.205	188	18149	0.400	ng	#	0.00
29) Chrysene-d12	21.404	240	15330	0.400	ng	#	0.00
35) Perylene-d12	23.740	264	13000	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.435	112	4511	0.455	ng		0.00
5) Phenol-d6	7.009	99	5832	0.469	ng		0.00
8) Nitrobenzene-d5	8.992	82	4120	0.408	ng		0.00
11) 2-Methylnaphthalene-d10	12.227	152	8964	0.385	ng		0.00
14) 2,4,6-Tribromophenol	15.953	330	1338	0.393	ng		0.00
15) 2-Fluorobiphenyl	13.094	172	13450	0.358	ng		0.00
27) Fluoranthene-d10	19.240	212	20033	0.388	ng		0.00
31) Terphenyl-d14	19.842	244	14063	0.389	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.355	88	1644	0.349	ng		99
3) n-Nitrosodimethylamine	3.672	42	1949	0.378	ng	#	95
6) bis(2-Chloroethyl)ether	7.269	93	4686	0.387	ng		98
9) Naphthalene	10.690	128	14973	0.369	ng		99
10) Hexachlorobutadiene	10.989	225	2772	0.376	ng	#	100
12) 2-Methylnaphthalene	12.298	142	10614	0.384	ng		99
16) Acenaphthylene	14.185	152	16582	0.410	ng		99
17) Acenaphthene	14.527	154	10776	0.361	ng		97
18) Fluorene	15.510	166	13908	0.368	ng		100
20) 4,6-Dinitro-2-methylph...	15.596	198	573	0.220	ng	#	84
21) 4-Bromophenyl-phenylether	16.405	248	4236	0.382	ng		90
22) Hexachlorobenzene	16.528	284	4869	0.396	ng		98
23) Atrazine	16.671	200	3191	0.441	ng		97
24) Pentachlorophenol	16.866	266	1066	0.225	ng		98
25) Phenanthrene	17.246	178	23059	0.367	ng		100
26) Anthracene	17.338	178	20539	0.387	ng		100
28) Fluoranthene	19.269	202	25283	0.375	ng		100
30) Pyrene	19.632	202	25887	0.398	ng		100
32) Benzo(a)anthracene	21.386	228	23019	0.412	ng		99
33) Chrysene	21.431	228	23237	0.371	ng		98
34) Bis(2-ethylhexyl)phtha...	21.323	149	14006	0.602	ng		100
36) Indeno(1,2,3-cd)pyrene	26.146	276	19595	0.322	ng		98
37) Benzo(b)fluoranthene	23.030	252	20092	0.354	ng		99
38) Benzo(k)fluoranthene	23.077	252	20765	0.345	ng		99
39) Benzo(a)pyrene	23.635	252	16749	0.375	ng		98
40) Dibenzo(a,h)anthracene	26.161	278	15539	0.317	ng		99
41) Benzo(g,h,i)perylene	26.883	276	16062	0.318	ng		99

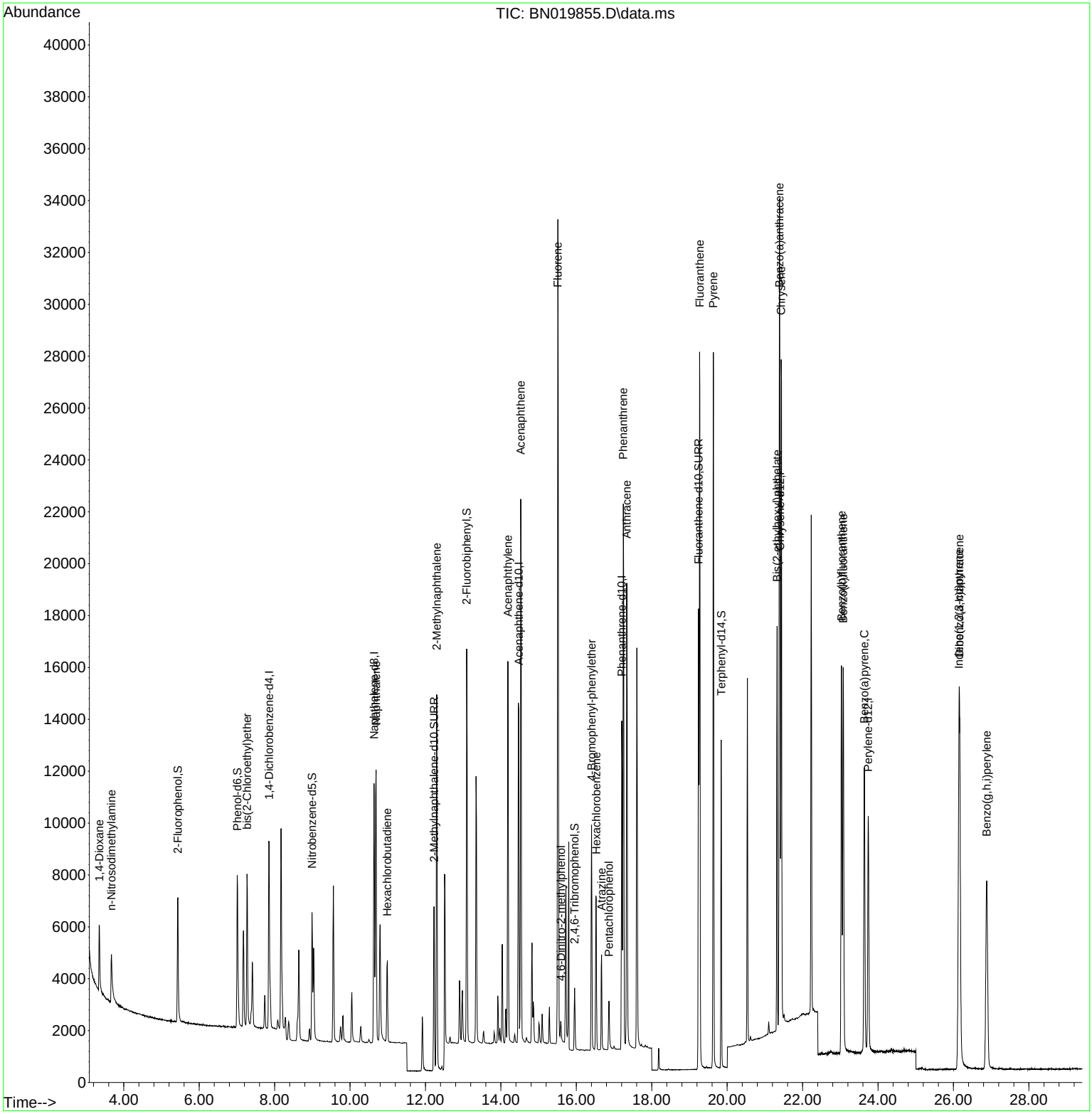
(#) = qualifier out of range (m) = manual integration (+) = signals summed

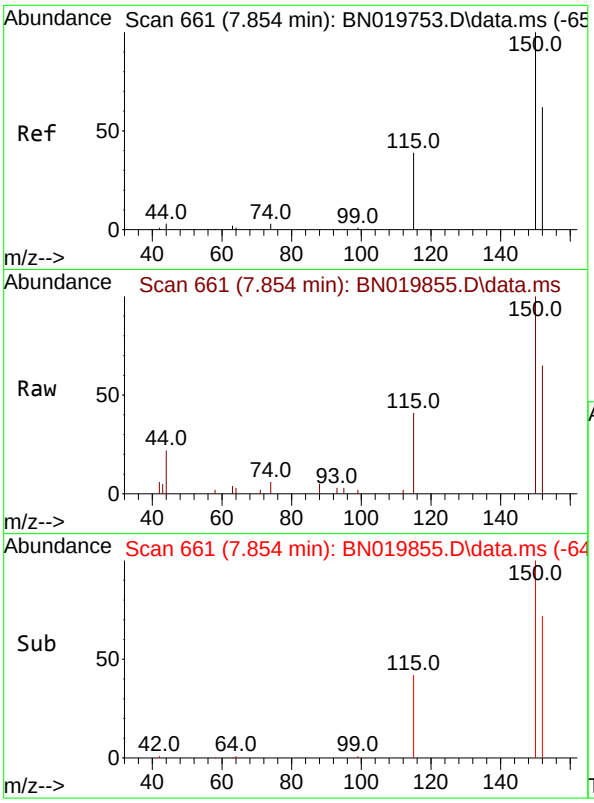
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051922\
Data File : BN019855.D
Acq On : 19 May 2022 14:56
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Quant Time: May 20 06:34:50 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN051322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 18 07:42:52 2022
Response via : Initial Calibration



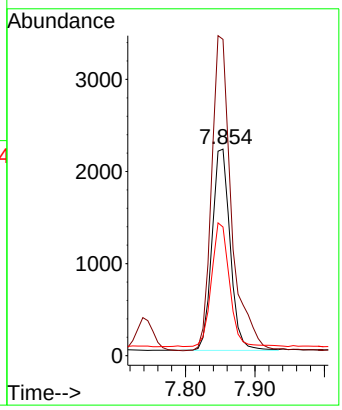


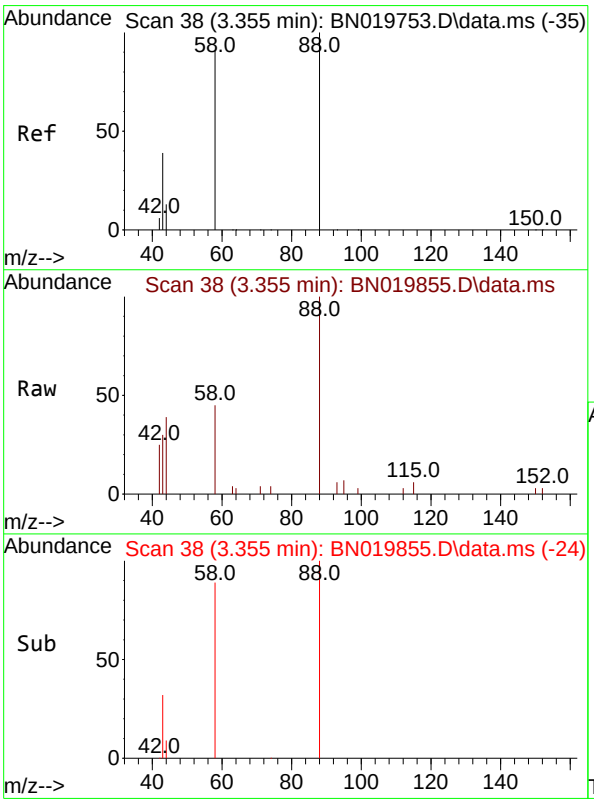
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.854 min Scan# 6
Delta R.T. 0.007 min
Lab File: BN019855.D
Acq: 19 May 2022 14:56

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 3965

Ion	Ratio	Lower	Upper
152	100		
150	153.1	127.9	191.9
115	62.3	51.4	77.2

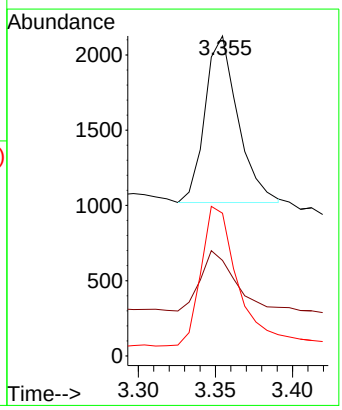


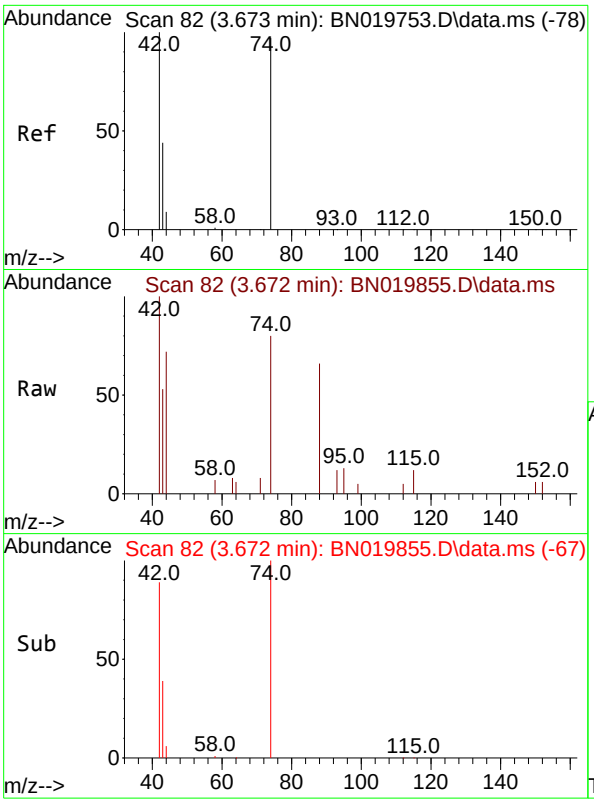


#2
1,4-Dioxane
Concen: 0.349 ng
RT: 3.355 min Scan# 38
Delta R.T. -0.000 min
Lab File: BN019855.D
Acq: 19 May 2022 14:56

Tgt Ion: 88 Resp: 1644

Ion	Ratio	Lower	Upper
88	100		
43	36.6	30.2	45.2
58	92.1	73.0	109.6



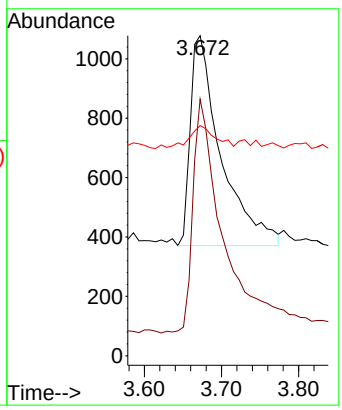


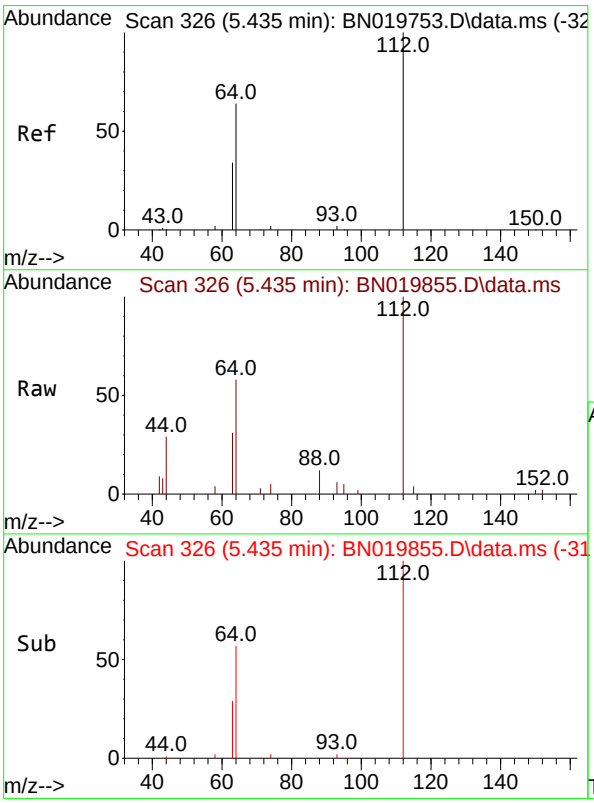
#3
n-Nitrosodimethylamine
Concen: 0.378 ng
RT: 3.672 min Scan# 8
Delta R.T. 0.007 min
Lab File: BN019855.D
Acq: 19 May 2022 14:56

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 42 Resp: 1949

Ion	Ratio	Lower	Upper
42	100		
74	109.4	84.0	126.0
44	9.6	9.8	14.8#

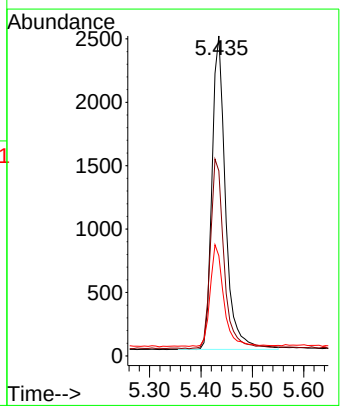


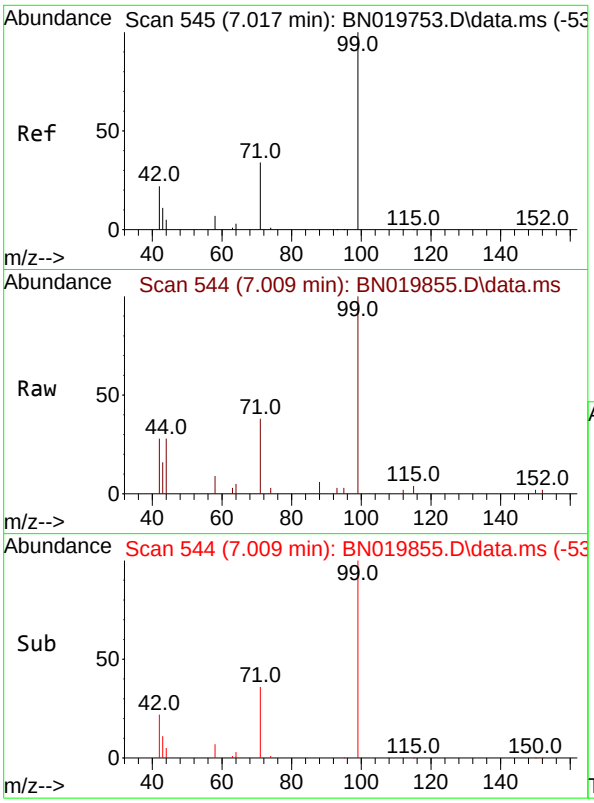


#4
2-Fluorophenol
Concen: 0.455 ng
RT: 5.435 min Scan# 326
Delta R.T. -0.000 min
Lab File: BN019855.D
Acq: 19 May 2022 14:56

Tgt Ion:112 Resp: 4511

Ion	Ratio	Lower	Upper
112	100		
64	60.9	49.1	73.7
63	32.6	26.3	39.5



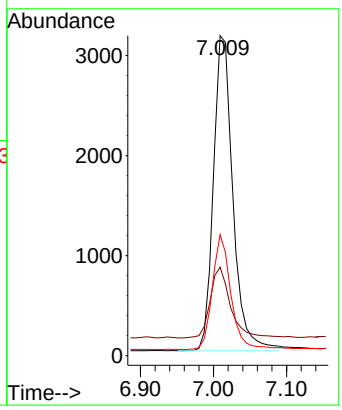


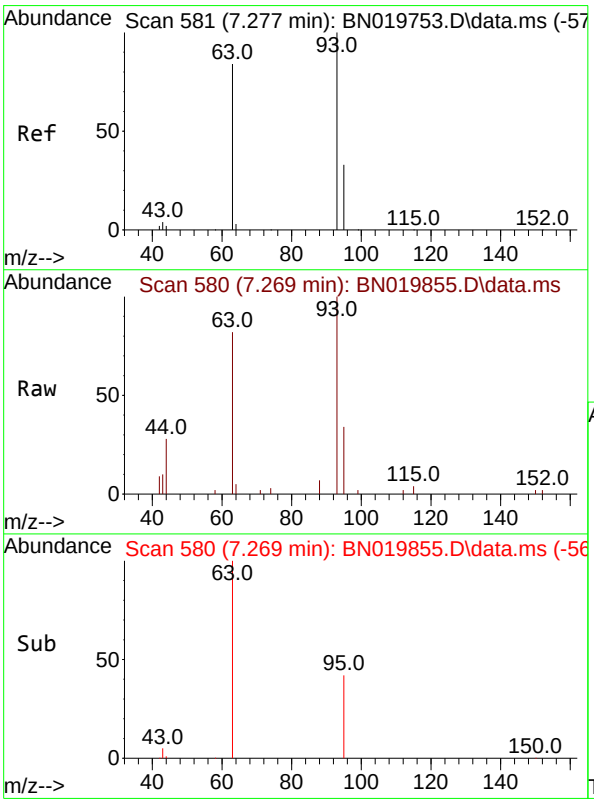
#5
Phenol-d6
Concen: 0.469 ng
RT: 7.009 min Scan# 54
Delta R.T. -0.000 min
Lab File: BN019855.D
Acq: 19 May 2022 14:56

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 99 Resp: 5832

Ion	Ratio	Lower	Upper
99	100		
42	23.4	19.3	28.9
71	34.5	27.5	41.3

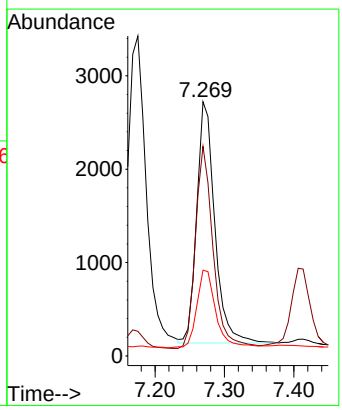


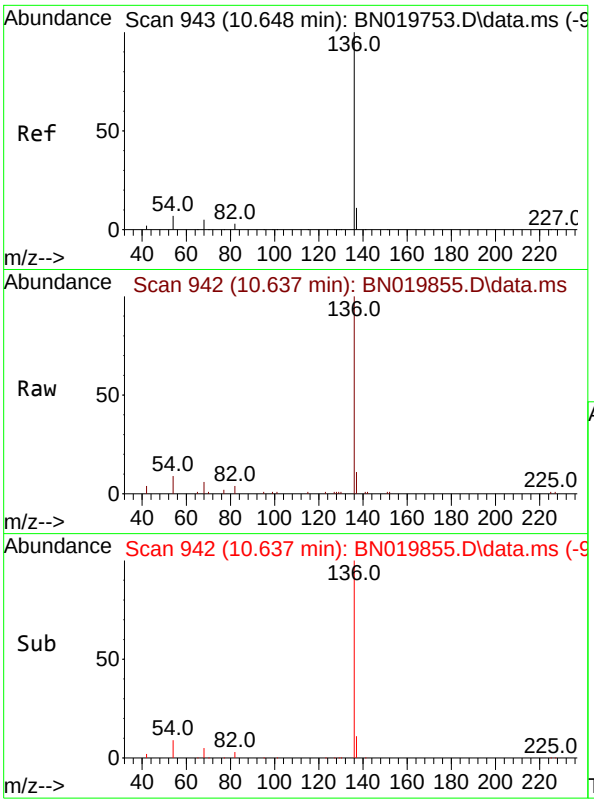


#6
bis(2-Chloroethyl)ether
Concen: 0.387 ng
RT: 7.269 min Scan# 580
Delta R.T. -0.000 min
Lab File: BN019855.D
Acq: 19 May 2022 14:56

Tgt Ion: 93 Resp: 4686

Ion	Ratio	Lower	Upper
93	100		
63	81.9	67.4	101.0
95	34.0	26.5	39.7



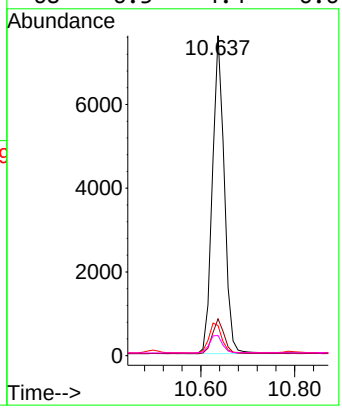


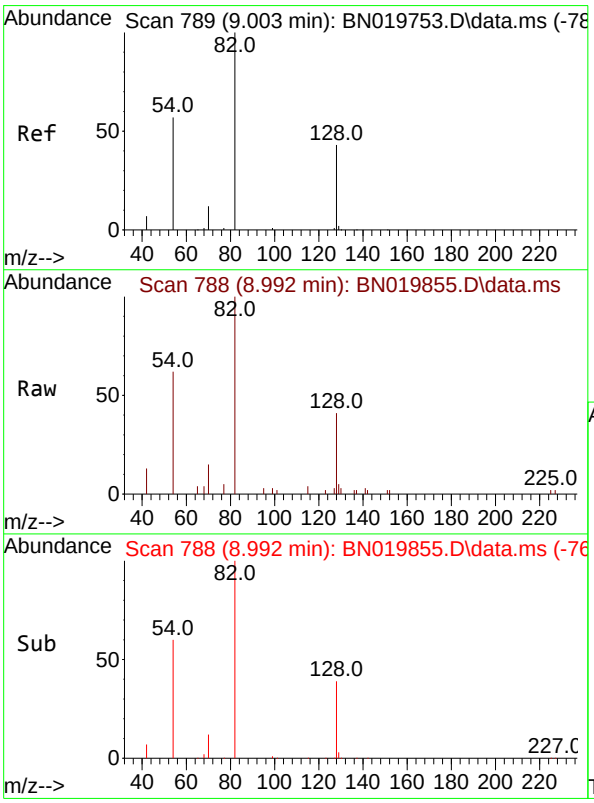
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.637 min Scan# 94
Delta R.T. -0.000 min
Lab File: BN019855.D
Acq: 19 May 2022 14:56

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:136 Resp: 13361

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.0	13.6
54	9.4	6.2	9.2#
68	6.3	4.4	6.6

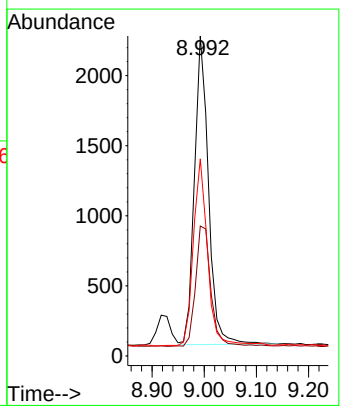


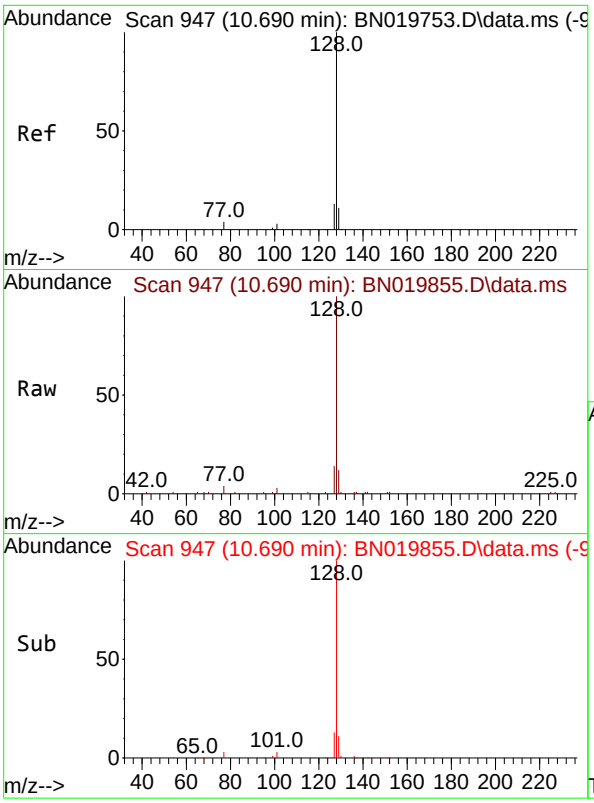


#8
Nitrobenzene-d5
Concen: 0.408 ng
RT: 8.992 min Scan# 788
Delta R.T. -0.000 min
Lab File: BN019855.D
Acq: 19 May 2022 14:56

Tgt Ion: 82 Resp: 4120

Ion	Ratio	Lower	Upper
82	100		
128	40.6	35.0	52.6
54	61.6	46.2	69.4



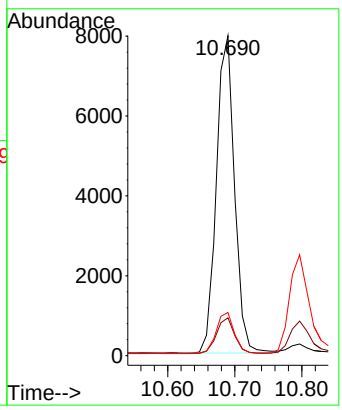


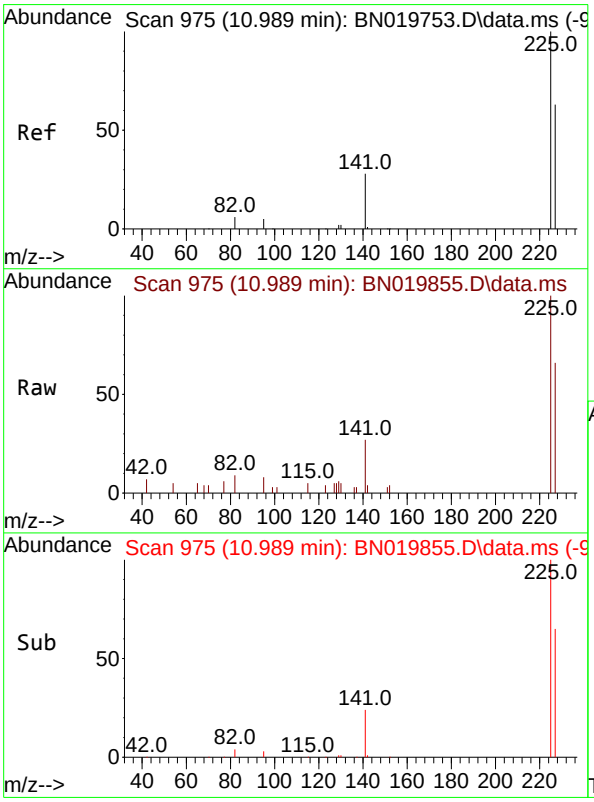
#9
Naphthalene
Concen: 0.369 ng
RT: 10.690 min Scan# 94
Delta R.T. -0.000 min
Lab File: BN019855.D
Acq: 19 May 2022 14:56

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:128 Resp: 14973

Ion	Ratio	Lower	Upper
128	100		
129	11.9	8.9	13.3
127	13.5	10.8	16.2

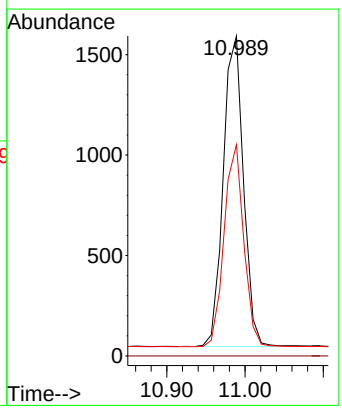


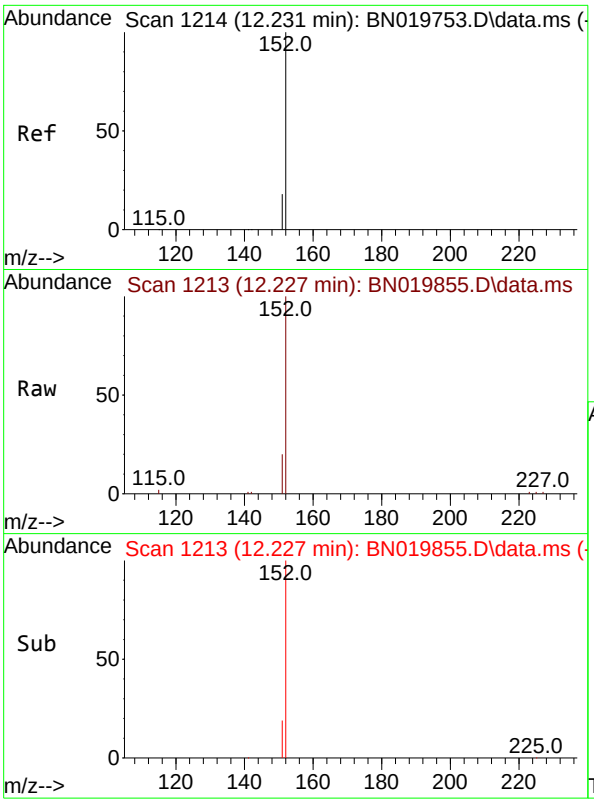


#10
Hexachlorobutadiene
Concen: 0.376 ng
RT: 10.989 min Scan# 975
Delta R.T. -0.000 min
Lab File: BN019855.D
Acq: 19 May 2022 14:56

Tgt Ion:225 Resp: 2772

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



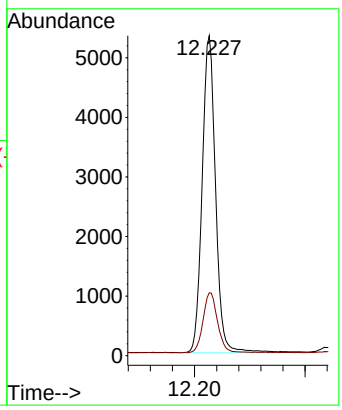


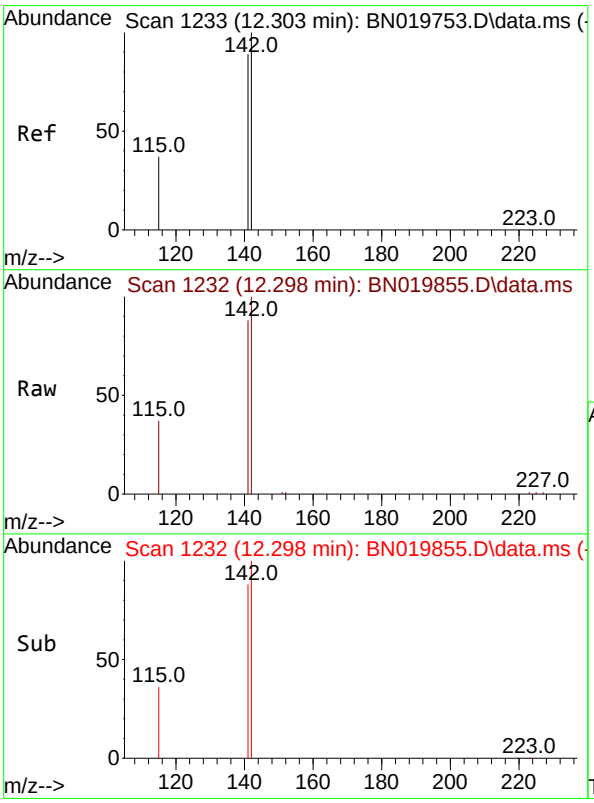
#11
2-Methylnaphthalene-d10
Concen: 0.385 ng
RT: 12.227 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN019855.D
Acq: 19 May 2022 14:56

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 8964

Ion	Ratio	Lower	Upper
152	100		
151	20.6	16.2	24.4

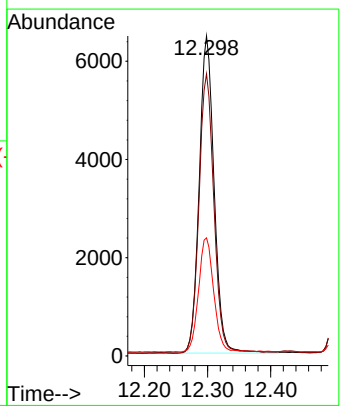


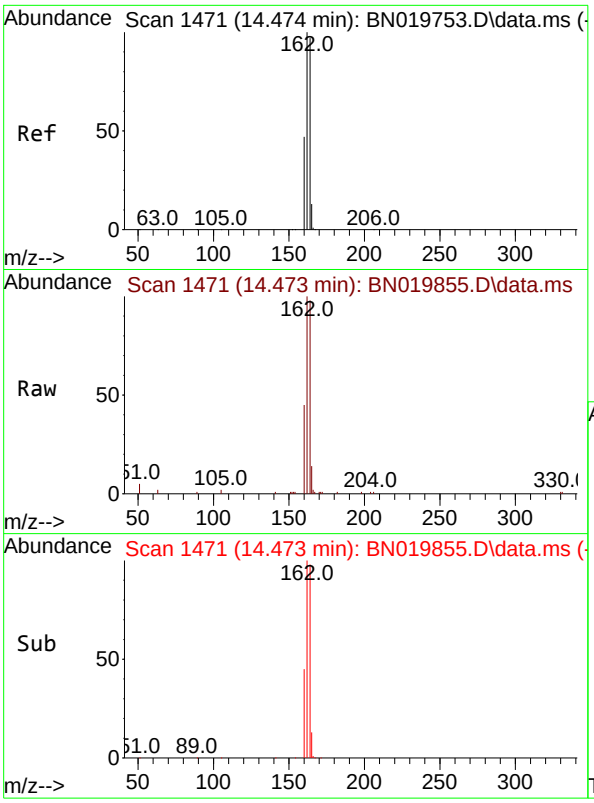


#12
2-Methylnaphthalene
Concen: 0.384 ng
RT: 12.298 min Scan# 1232
Delta R.T. -0.000 min
Lab File: BN019855.D
Acq: 19 May 2022 14:56

Tgt Ion:142 Resp: 10614

Ion	Ratio	Lower	Upper
142	100		
141	88.1	71.6	107.4
115	36.9	29.8	44.8



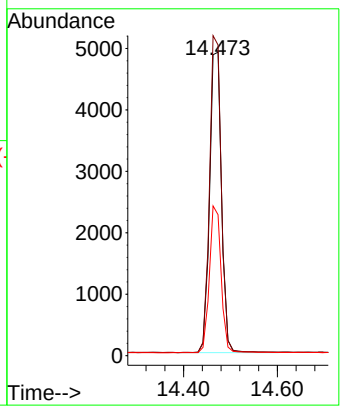


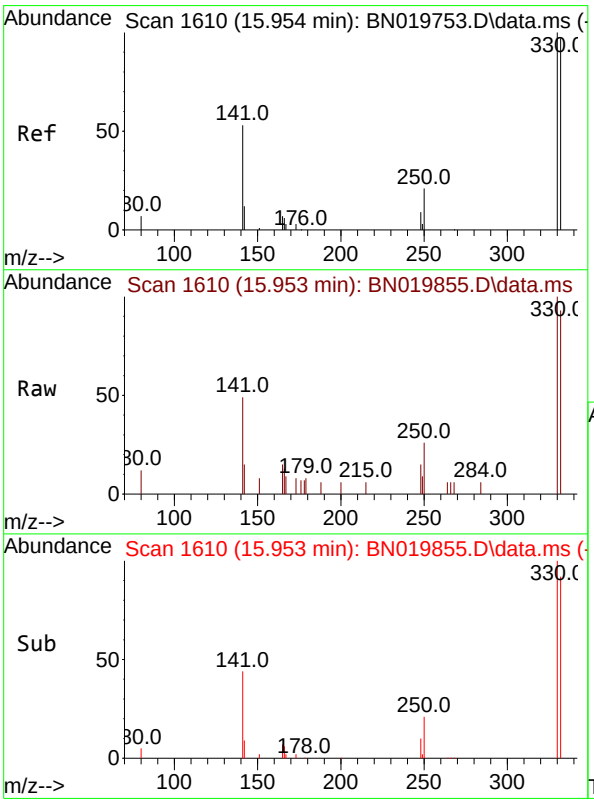
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.473 min Scan# 14
Delta R.T. 0.010 min
Lab File: BN019855.D
Acq: 19 May 2022 14:56

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:164 Resp: 8612

Ion	Ratio	Lower	Upper
164	100		
162	102.4	82.1	123.1
160	46.4	38.6	58.0

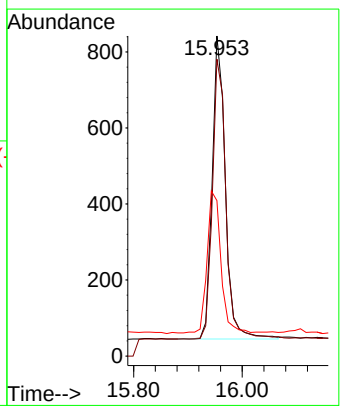


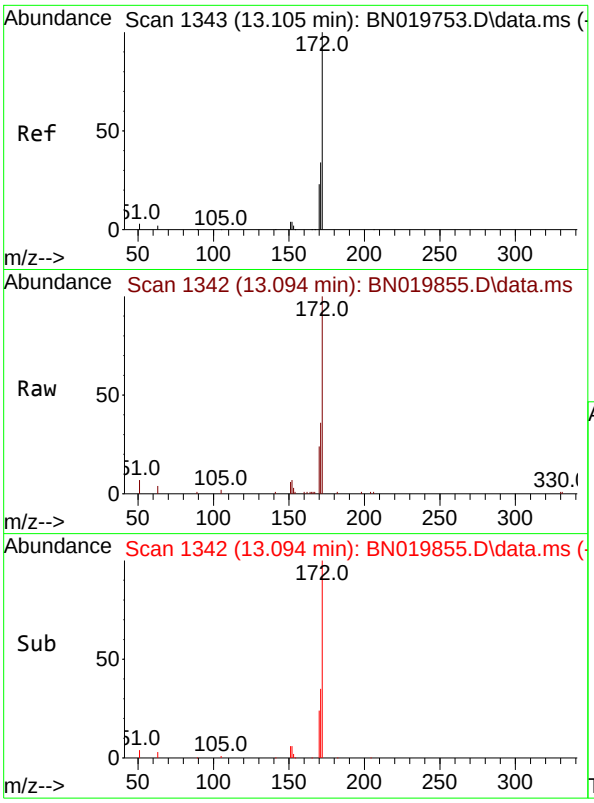


#14
2,4,6-Tribromophenol
Concen: 0.393 ng
RT: 15.953 min Scan# 1610
Delta R.T. -0.000 min
Lab File: BN019855.D
Acq: 19 May 2022 14:56

Tgt Ion:330 Resp: 1338

Ion	Ratio	Lower	Upper
330	100		
332	94.6	77.6	116.4
141	48.8	41.0	61.4



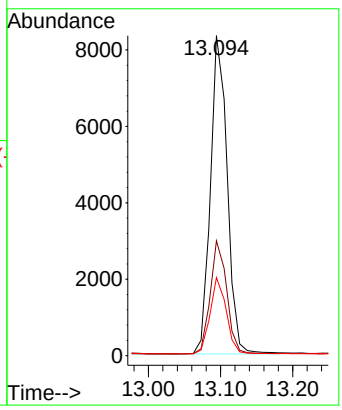


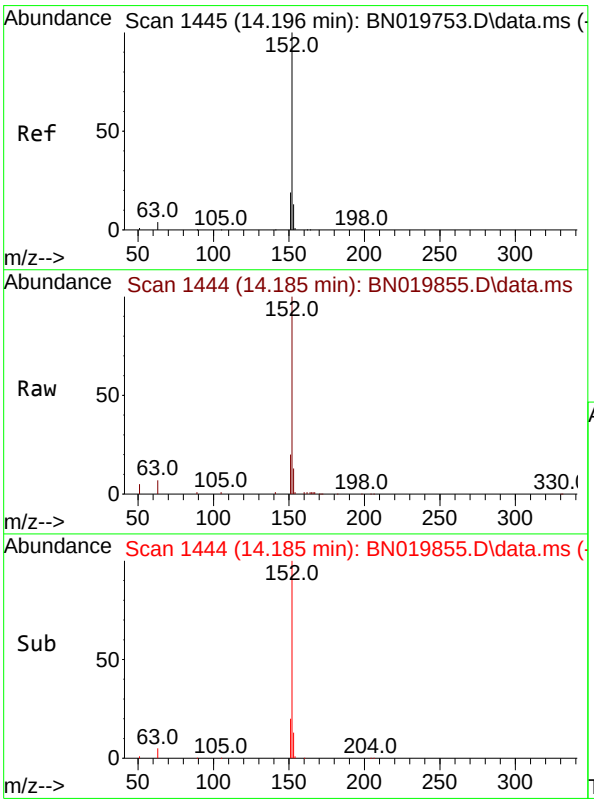
#15
2-Fluorobiphenyl
Concen: 0.358 ng
RT: 13.094 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN019855.D
Acq: 19 May 2022 14:56

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:172 Resp: 13450

Ion	Ratio	Lower	Upper
172	100		
171	35.9	27.2	40.8
170	24.4	18.2	27.4

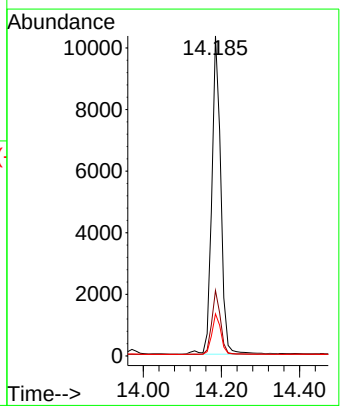


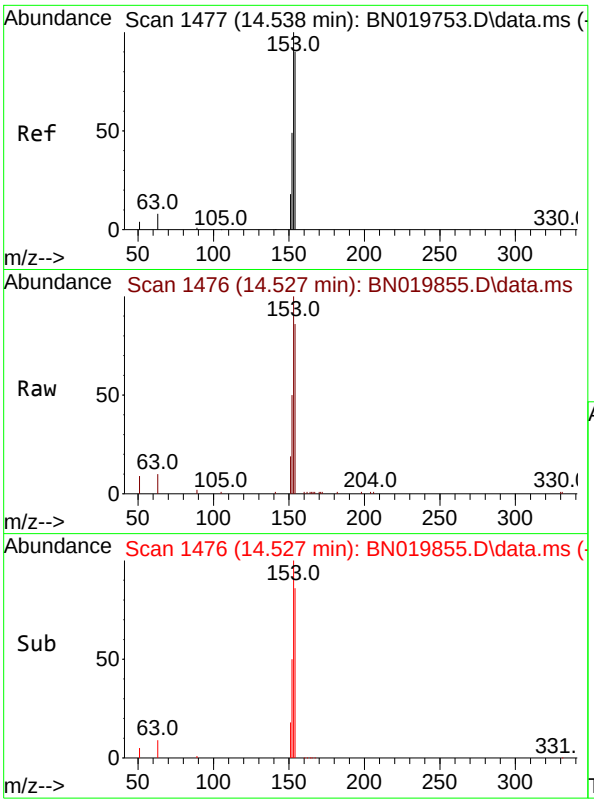


#16
Acenaphthylene
Concen: 0.410 ng
RT: 14.185 min Scan# 1444
Delta R.T. -0.000 min
Lab File: BN019855.D
Acq: 19 May 2022 14:56

Tgt Ion:152 Resp: 16582

Ion	Ratio	Lower	Upper
152	100		
151	19.6	16.2	24.4
153	12.9	10.7	16.1



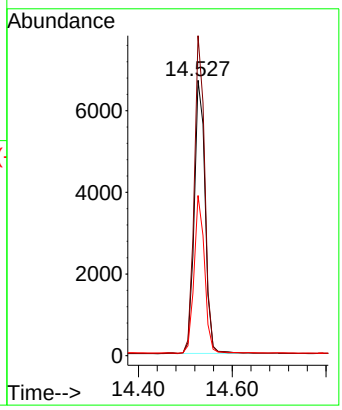


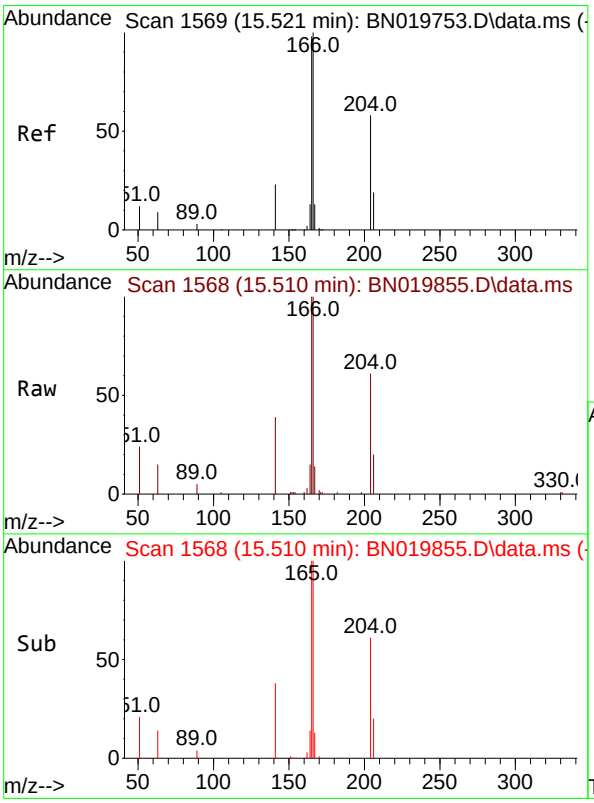
#17
Acenaphthene
Concen: 0.361 ng
RT: 14.527 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN019855.D
Acq: 19 May 2022 14:56

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:154 Resp: 10776

Ion	Ratio	Lower	Upper
154	100		
153	112.8	87.5	131.3
152	55.6	43.8	65.6

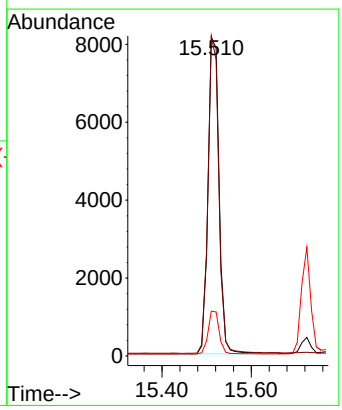


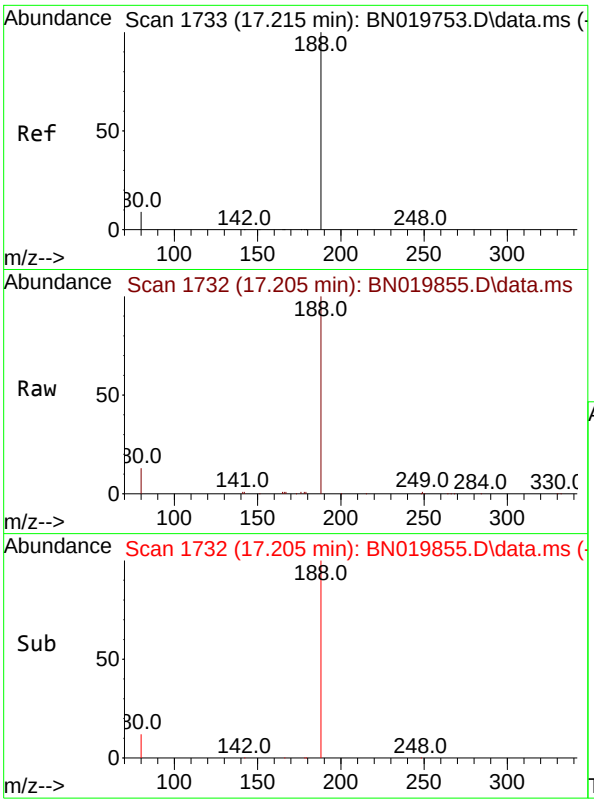


#18
Fluorene
Concen: 0.368 ng
RT: 15.510 min Scan# 1568
Delta R.T. -0.000 min
Lab File: BN019855.D
Acq: 19 May 2022 14:56

Tgt Ion:166 Resp: 13908

Ion	Ratio	Lower	Upper
166	100		
165	98.2	78.6	118.0
167	13.7	10.8	16.2



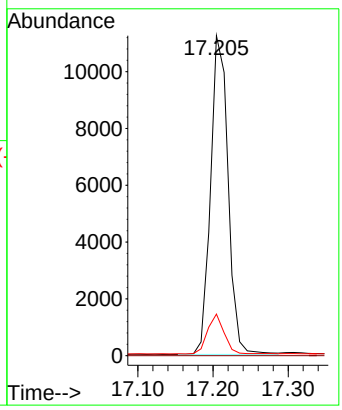


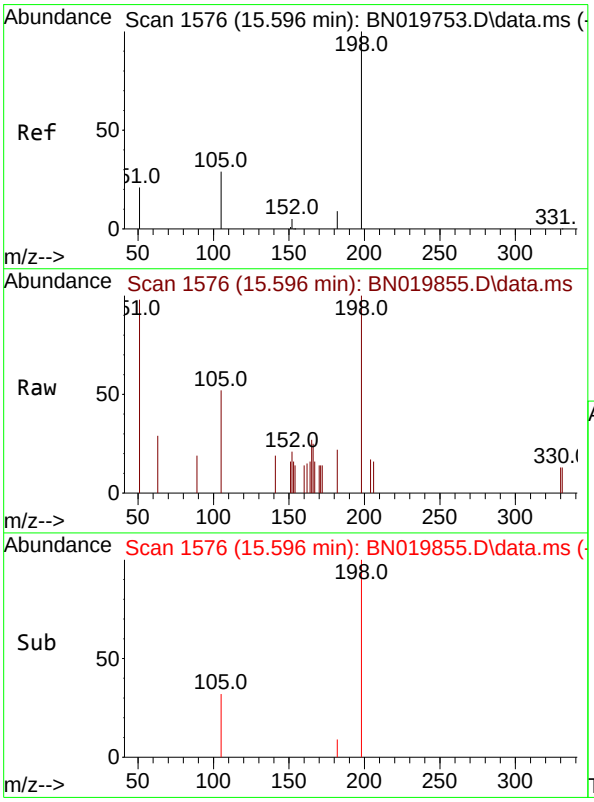
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.205 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN019855.D
Acq: 19 May 2022 14:56

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:188 Resp: 18149

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	13.0	7.4	11.2#

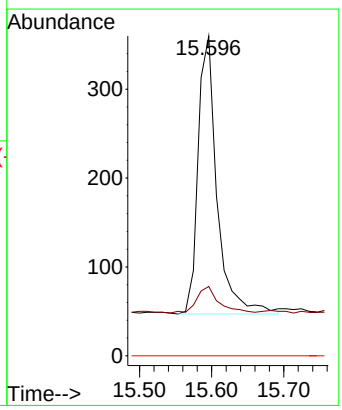


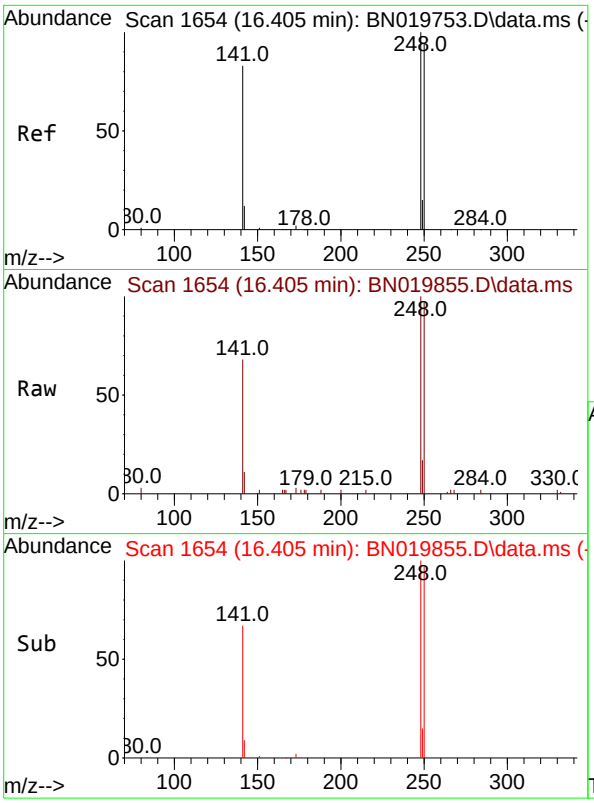


#20
4,6-Dinitro-2-methylphenol
Concen: 0.220 ng
RT: 15.596 min Scan# 1576
Delta R.T. -0.000 min
Lab File: BN019855.D
Acq: 19 May 2022 14:56

Tgt Ion:198 Resp: 573

Ion	Ratio	Lower	Upper
198	100		
182	21.7	12.1	18.1#
77	0.0	0.0	0.0



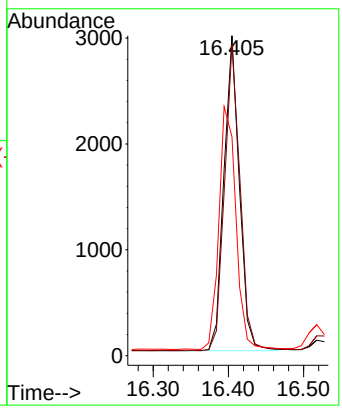


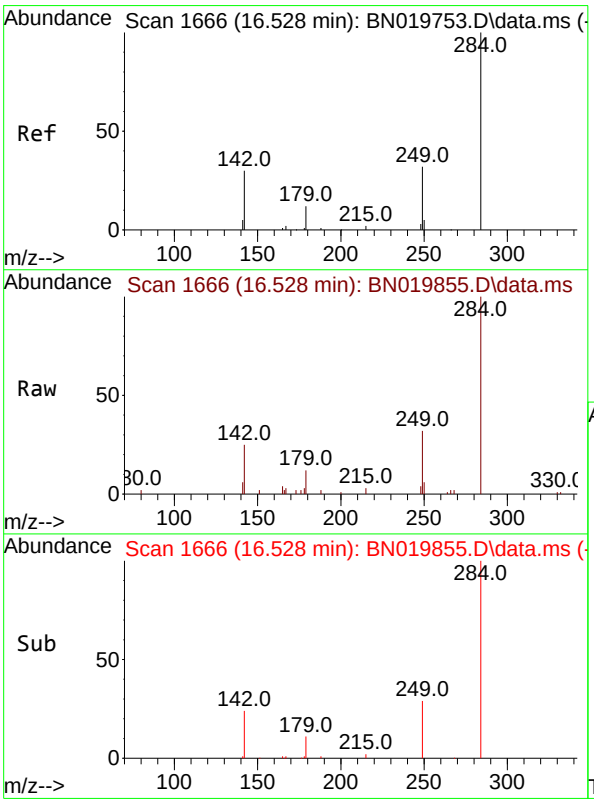
#21
4-Bromophenyl-phenylether
Concen: 0.382 ng
RT: 16.405 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN019855.D
Acq: 19 May 2022 14:56

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:248 Resp: 4236

Ion	Ratio	Lower	Upper
248	100		
250	97.2	75.3	112.9
141	68.4	67.3	100.9

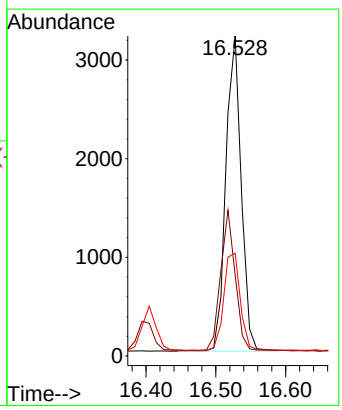


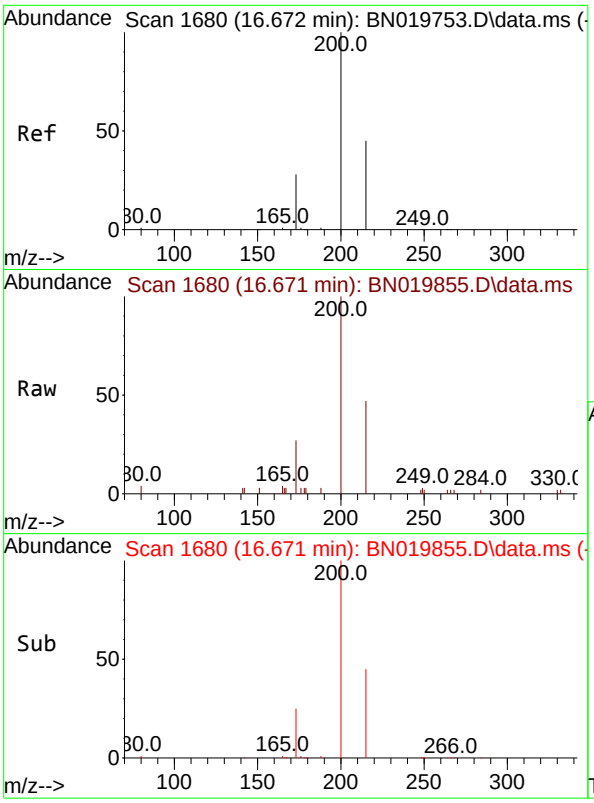


#22
Hexachlorobenzene
Concen: 0.396 ng
RT: 16.528 min Scan# 1666
Delta R.T. -0.000 min
Lab File: BN019855.D
Acq: 19 May 2022 14:56

Tgt Ion:284 Resp: 4869

Ion	Ratio	Lower	Upper
284	100		
142	42.5	35.2	52.8
249	33.0	26.6	40.0



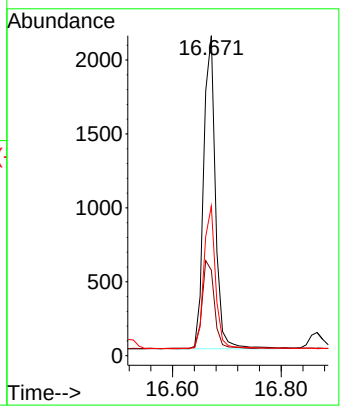


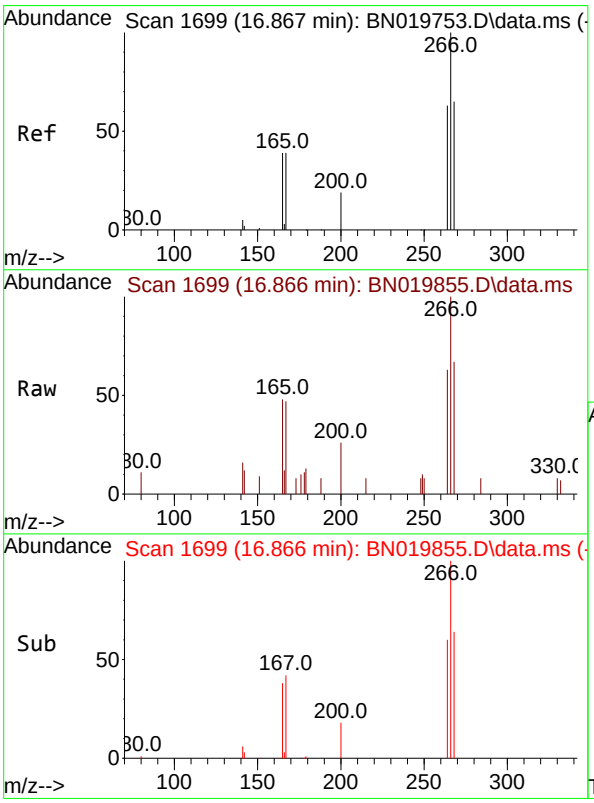
#23
Atrazine
Concen: 0.441 ng
RT: 16.671 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN019855.D
Acq: 19 May 2022 14:56

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:200 Resp: 3191

Ion	Ratio	Lower	Upper
200	100		
173	26.7	23.6	35.4
215	46.7	36.6	54.8

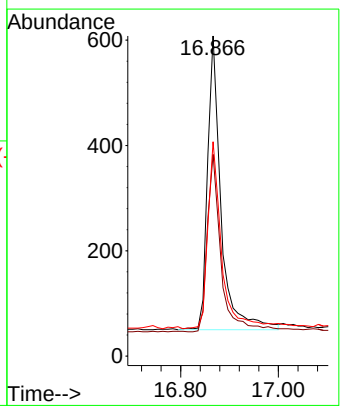


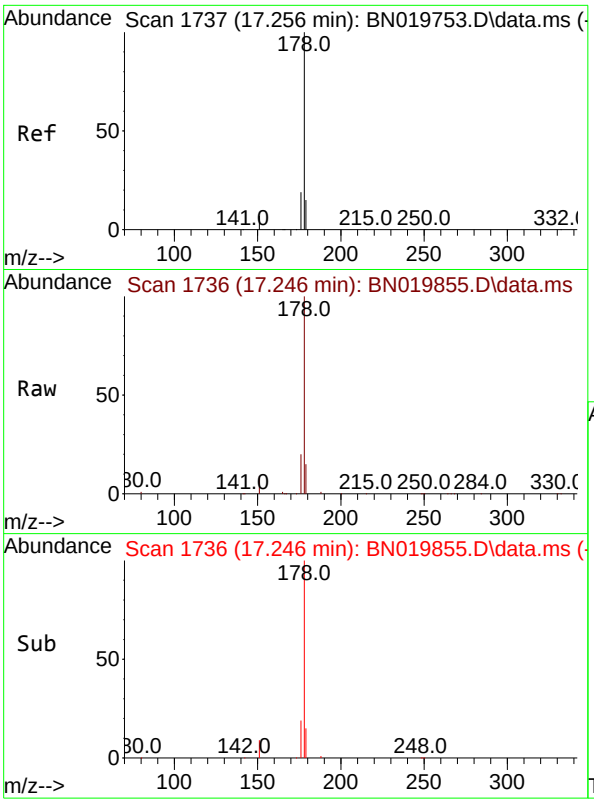


#24
Pentachlorophenol
Concen: 0.225 ng
RT: 16.866 min Scan# 1699
Delta R.T. -0.000 min
Lab File: BN019855.D
Acq: 19 May 2022 14:56

Tgt Ion:266 Resp: 1066

Ion	Ratio	Lower	Upper
266	100		
264	62.8	51.3	76.9
268	66.9	52.6	79.0



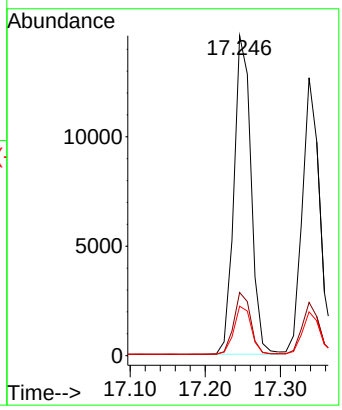


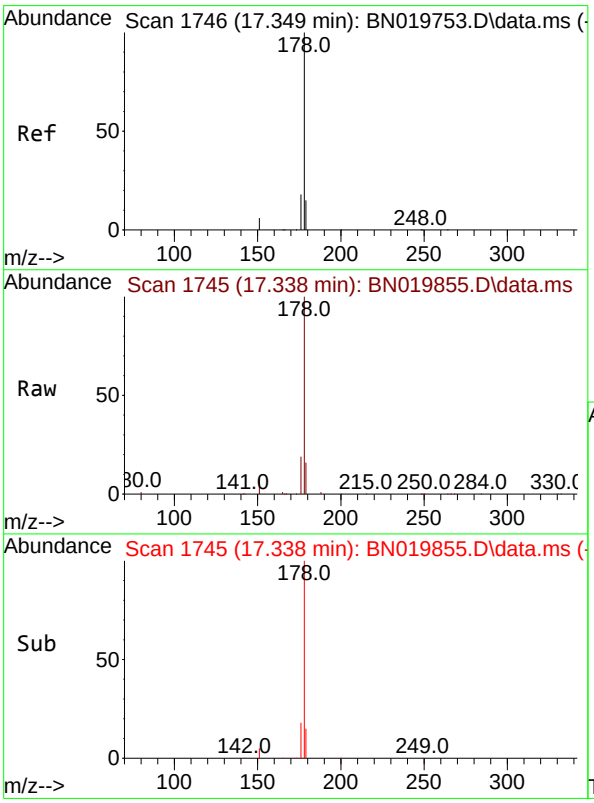
#25
Phenanthrene
Concen: 0.367 ng
RT: 17.246 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN019855.D
Acq: 19 May 2022 14:56

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:178 Resp: 23059

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

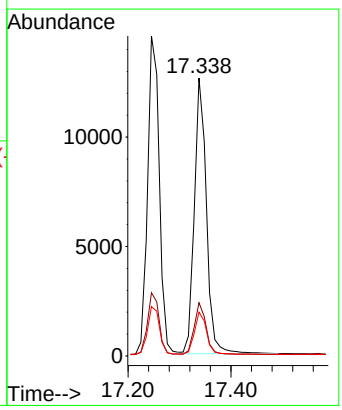


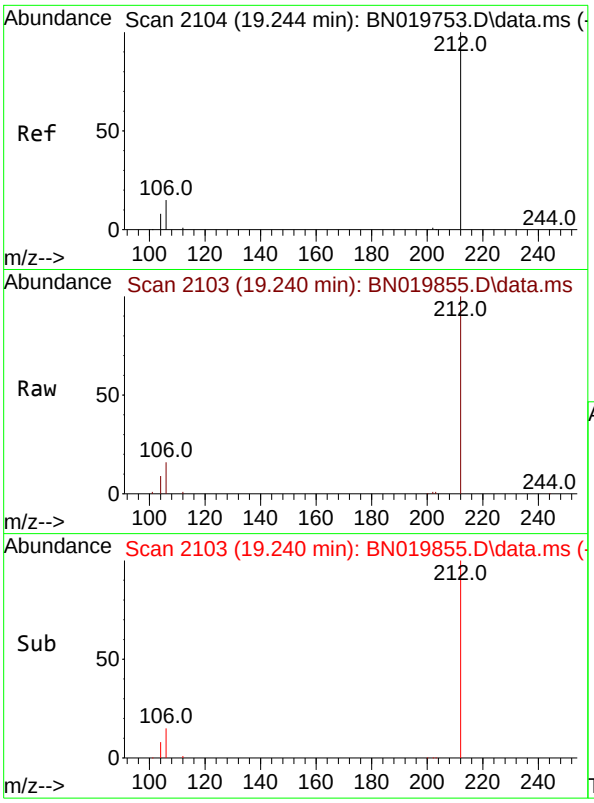


#26
Anthracene
Concen: 0.387 ng
RT: 17.338 min Scan# 1745
Delta R.T. -0.000 min
Lab File: BN019855.D
Acq: 19 May 2022 14:56

Tgt Ion:178 Resp: 20539

Ion	Ratio	Lower	Upper
178	100		
176	18.5	14.9	22.3
179	15.3	12.2	18.4



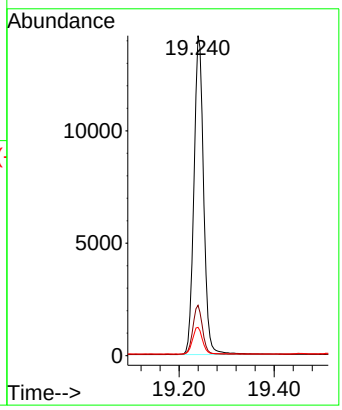


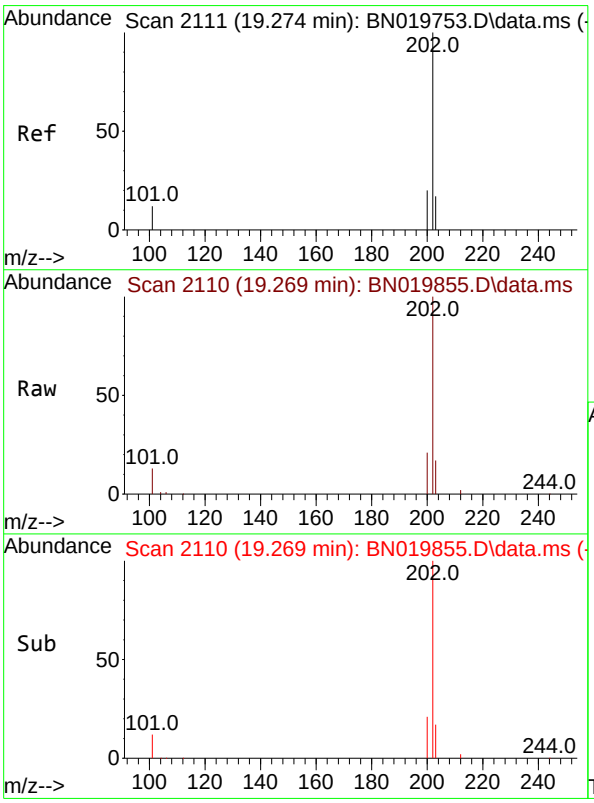
#27
Fluoranthene-d10
Concen: 0.388 ng
RT: 19.240 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN019855.D
Acq: 19 May 2022 14:56

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:212 Resp: 20033

Ion	Ratio	Lower	Upper
212	100		
106	15.3	12.6	19.0
104	8.5	7.2	10.8

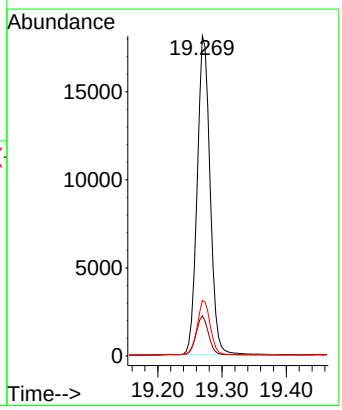


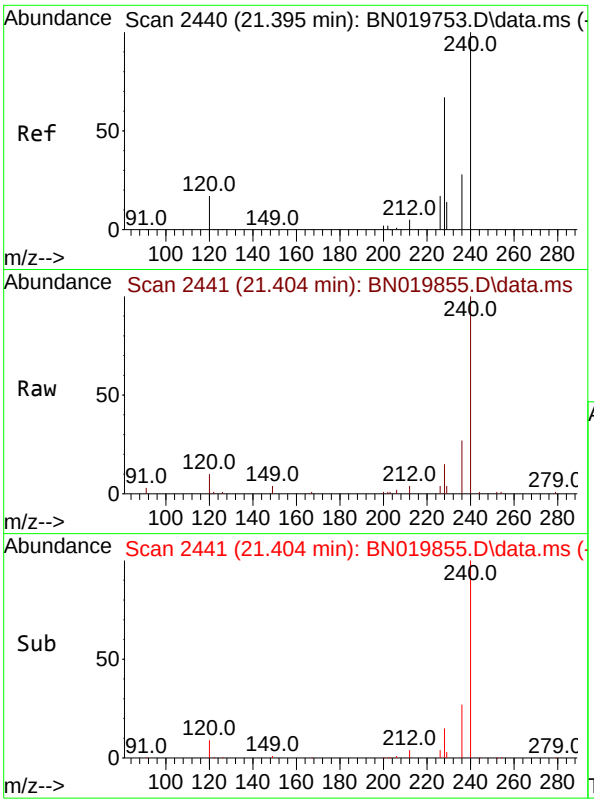


#28
Fluoranthene
Concen: 0.375 ng
RT: 19.269 min Scan# 2110
Delta R.T. -0.000 min
Lab File: BN019855.D
Acq: 19 May 2022 14:56

Tgt Ion:202 Resp: 25283

Ion	Ratio	Lower	Upper
202	100		
101	12.2	9.6	14.4
203	17.0	13.5	20.3



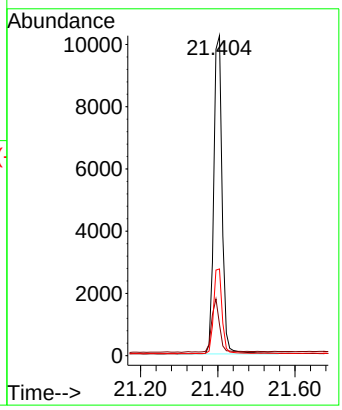


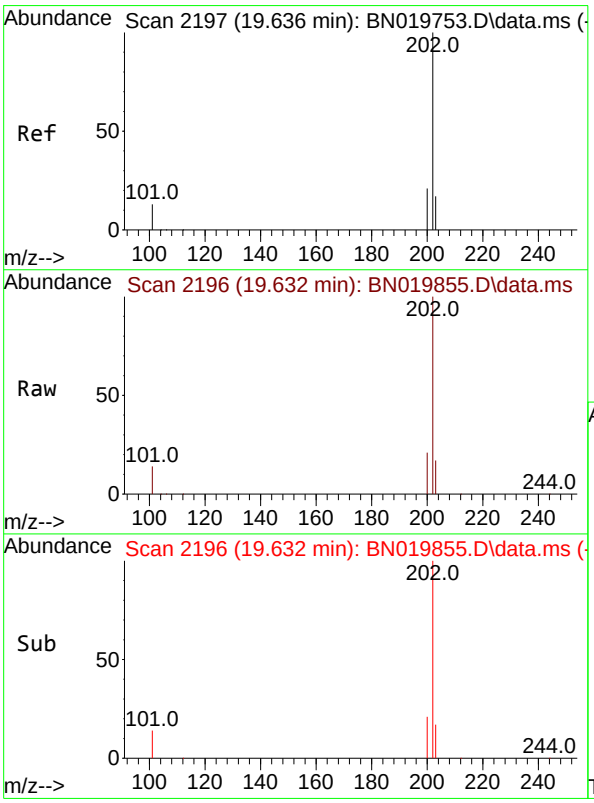
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.404 min Scan# 24
Delta R.T. -0.000 min
Lab File: BN019855.D
Acq: 19 May 2022 14:56

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:240 Resp: 15330

Ion	Ratio	Lower	Upper
240	100		
120	9.8	14.6	21.8#
236	27.1	22.6	33.8

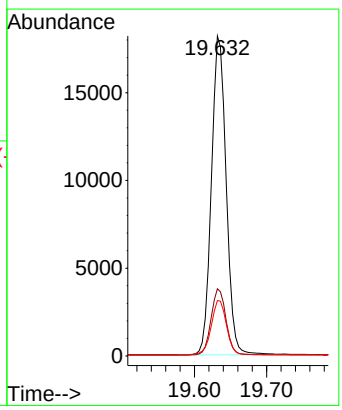


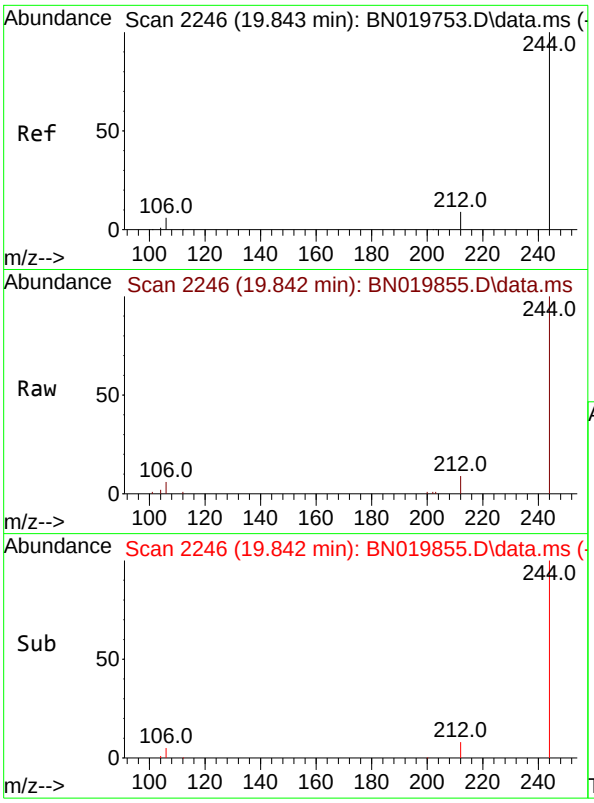


#30
Pyrene
Concen: 0.398 ng
RT: 19.632 min Scan# 2196
Delta R.T. -0.000 min
Lab File: BN019855.D
Acq: 19 May 2022 14:56

Tgt Ion:202 Resp: 25887

Ion	Ratio	Lower	Upper
202	100		
200	20.9	16.6	25.0
203	17.8	14.2	21.2



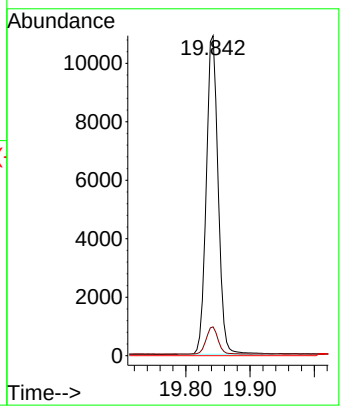


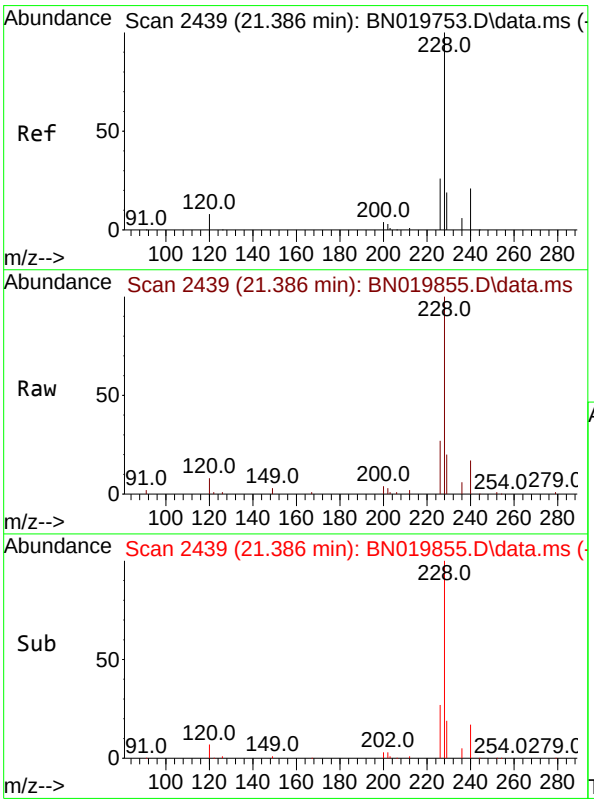
#31
Terphenyl-d14
Concen: 0.389 ng
RT: 19.842 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN019855.D
Acq: 19 May 2022 14:56

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:244 Resp: 14063

Ion	Ratio	Lower	Upper
244	100		
212	9.0	7.1	10.7
122	0.0	0.0	0.0

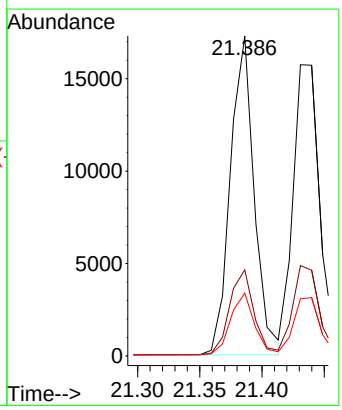


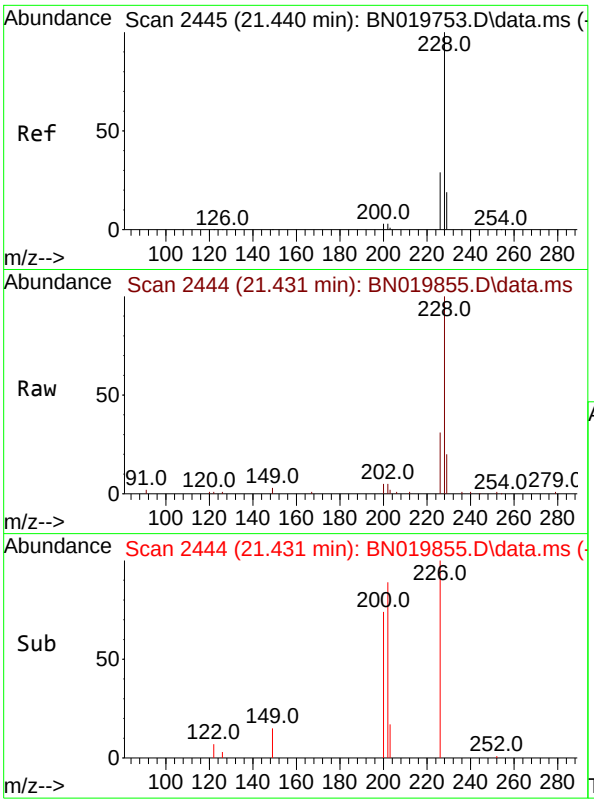


#32
Benzo(a)anthracene
Concen: 0.412 ng
RT: 21.386 min Scan# 2439
Delta R.T. -0.000 min
Lab File: BN019855.D
Acq: 19 May 2022 14:56

Tgt Ion:228 Resp: 23019

Ion	Ratio	Lower	Upper
228	100		
226	26.9	21.2	31.8
229	19.7	15.6	23.4



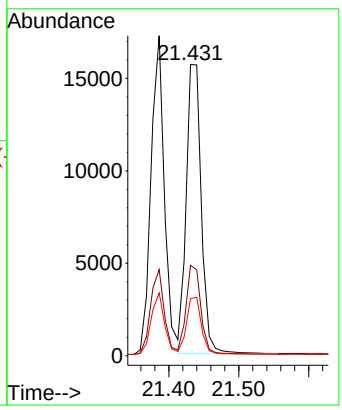


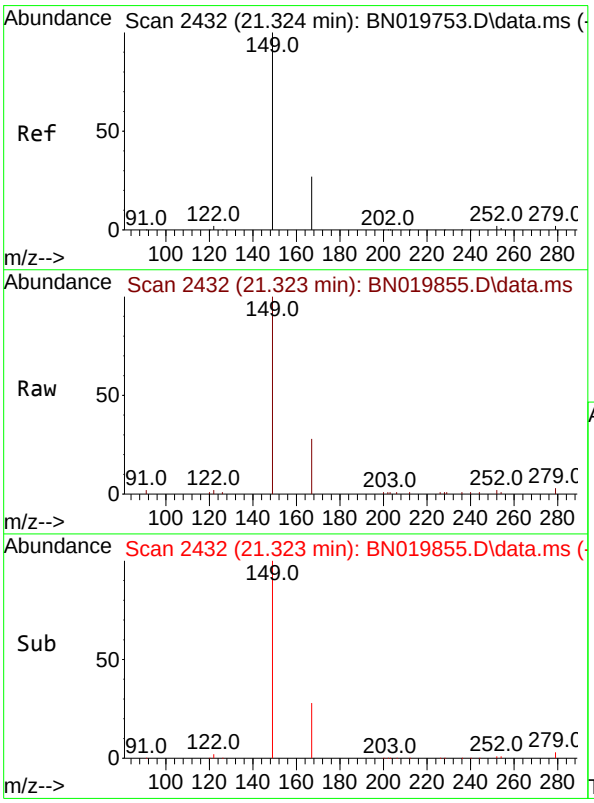
#33
Chrysene
Concen: 0.371 ng
RT: 21.431 min Scan# 24
Delta R.T. -0.009 min
Lab File: BN019855.D
Acq: 19 May 2022 14:56

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:228 Resp: 23237

Ion	Ratio	Lower	Upper
228	100		
226	31.0	23.4	35.0
229	19.6	15.7	23.5

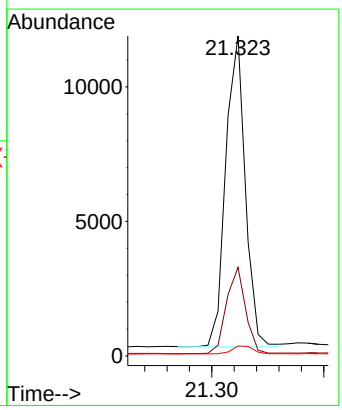


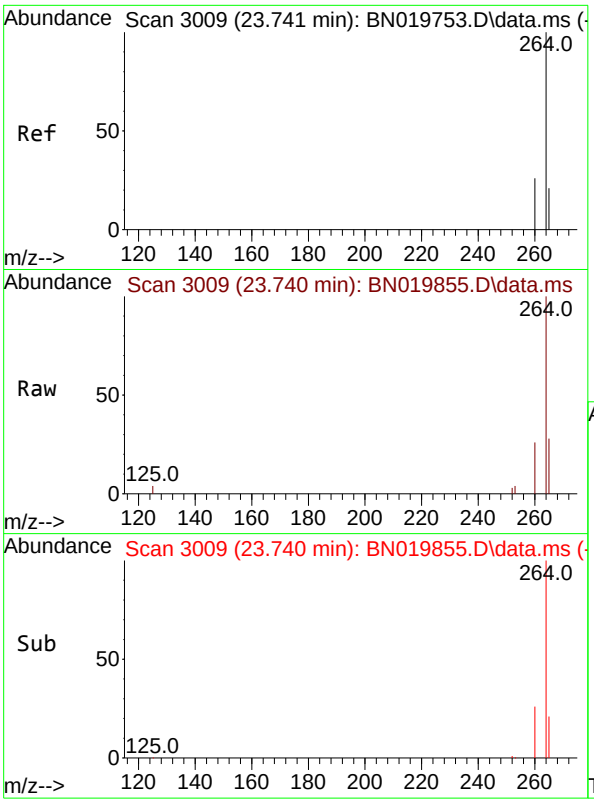


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.602 ng
RT: 21.323 min Scan# 2432
Delta R.T. -0.000 min
Lab File: BN019855.D
Acq: 19 May 2022 14:56

Tgt Ion:149 Resp: 14006

Ion	Ratio	Lower	Upper
149	100		
167	27.3	21.7	32.5
279	3.1	2.2	3.2



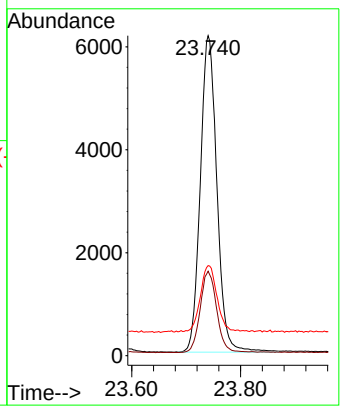


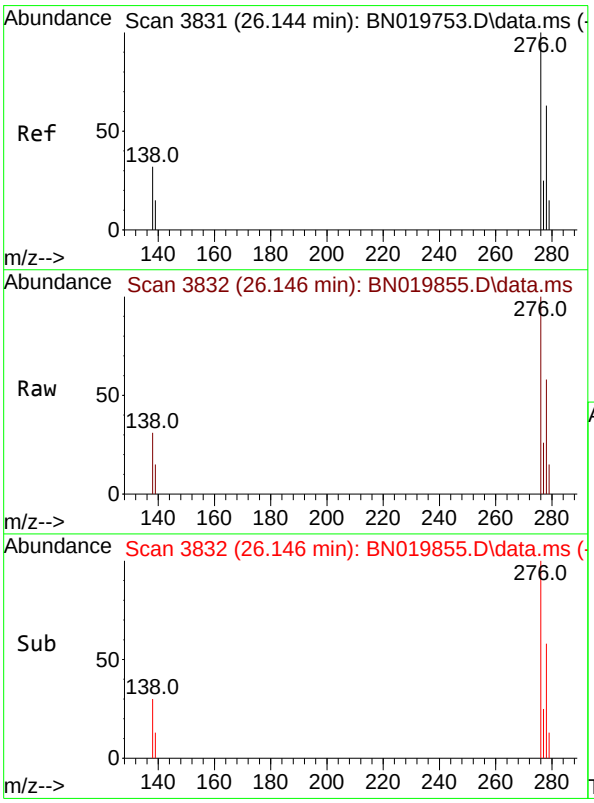
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.740 min Scan# 3
Delta R.T. -0.000 min
Lab File: BN019855.D
Acq: 19 May 2022 14:56

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:264 Resp: 13000

Ion	Ratio	Lower	Upper
264	100		
260	26.4	20.9	31.3
265	28.1	28.0	42.0

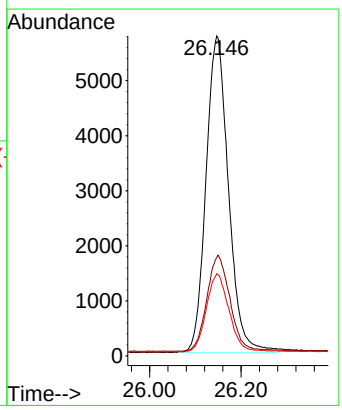


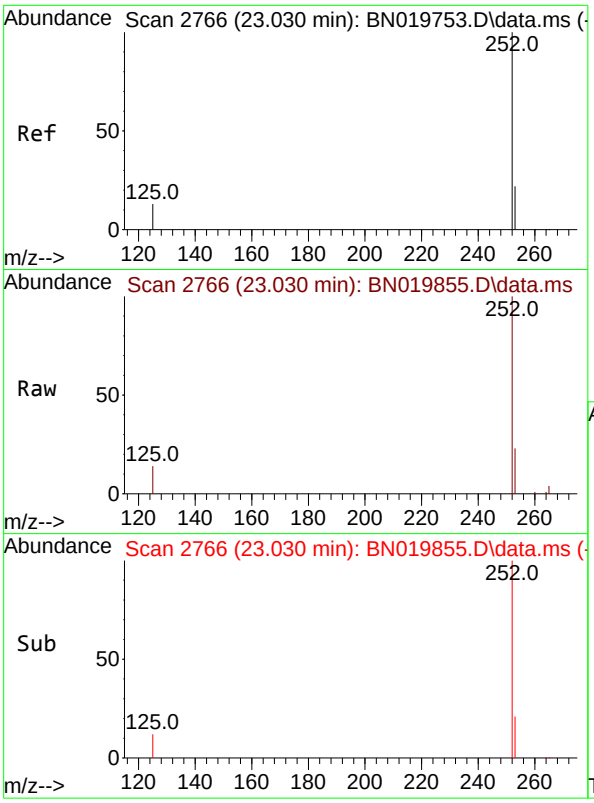


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.322 ng
RT: 26.146 min Scan# 3832
Delta R.T. 0.002 min
Lab File: BN019855.D
Acq: 19 May 2022 14:56

Tgt Ion:276 Resp: 19595

Ion	Ratio	Lower	Upper
276	100		
138	30.7	25.9	38.9
277	24.7	19.8	29.8



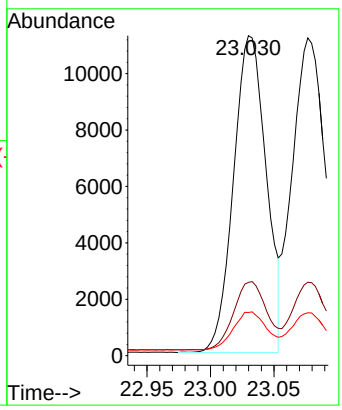


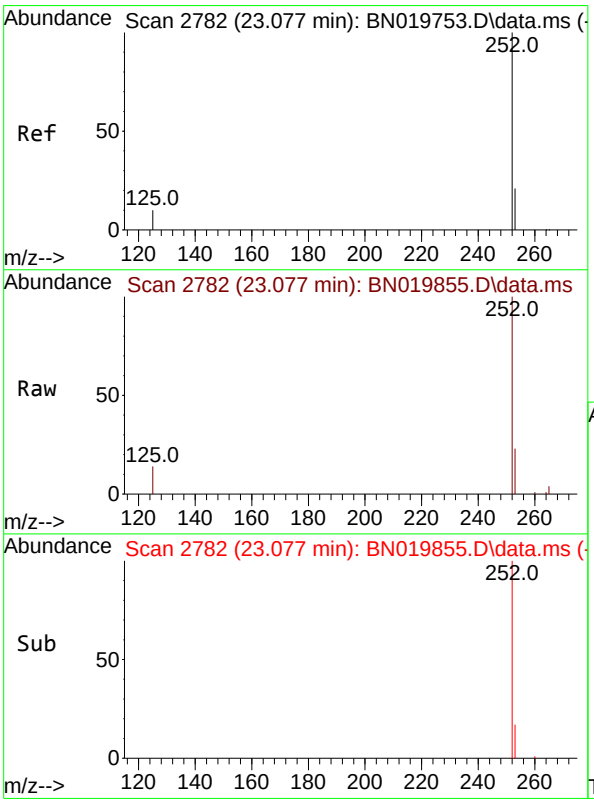
#37
Benzo(b)fluoranthene
Concen: 0.354 ng
RT: 23.030 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN019855.D
Acq: 19 May 2022 14:56

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:252 Resp: 20092

Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.5	27.7
125	13.5	11.4	17.0

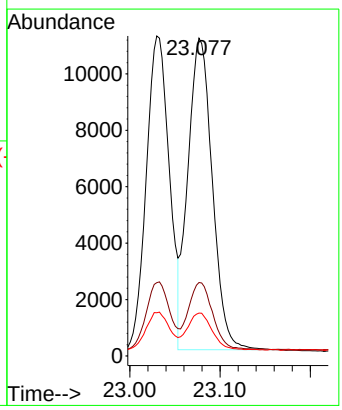


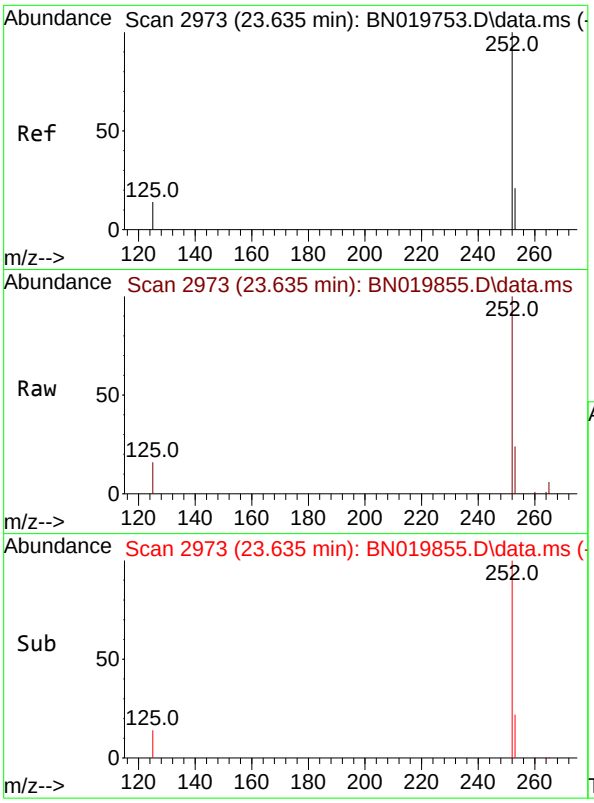


#38
Benzo(k)fluoranthene
Concen: 0.345 ng
RT: 23.077 min Scan# 2782
Delta R.T. -0.000 min
Lab File: BN019855.D
Acq: 19 May 2022 14:56

Tgt Ion:252 Resp: 20765

Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.0	27.0
125	13.5	11.0	16.4



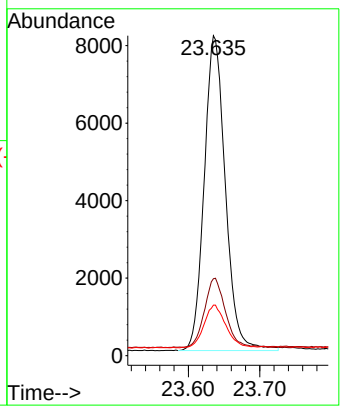


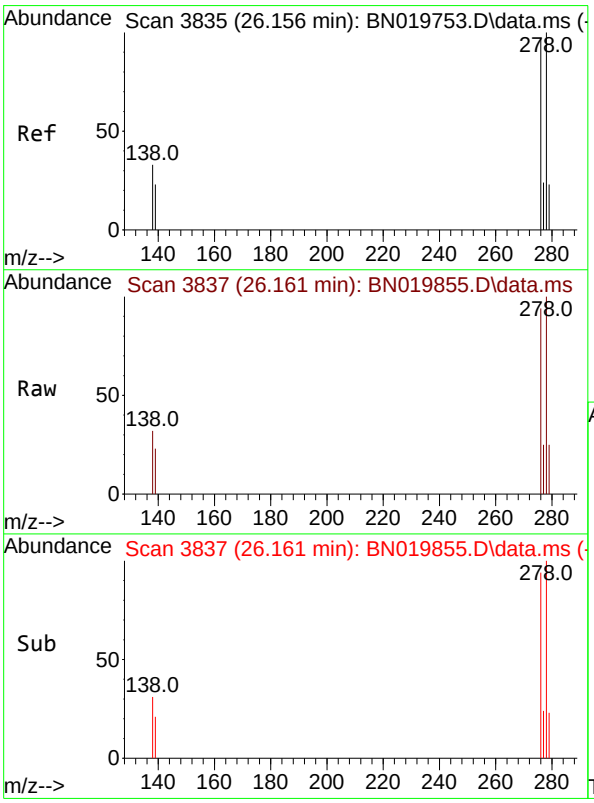
#39
Benzo(a)pyrene
Concen: 0.375 ng
RT: 23.635 min Scan# 2
Delta R.T. -0.003 min
Lab File: BN019855.D
Acq: 19 May 2022 14:56

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:252 Resp: 16749

Ion	Ratio	Lower	Upper
252	100		
253	24.1	19.0	28.4
125	15.8	13.8	20.8

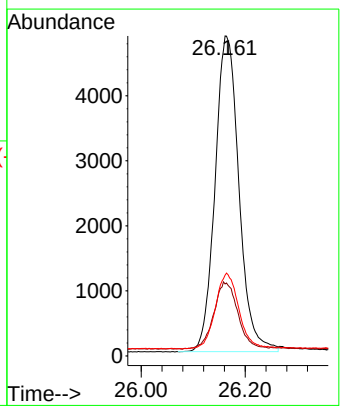


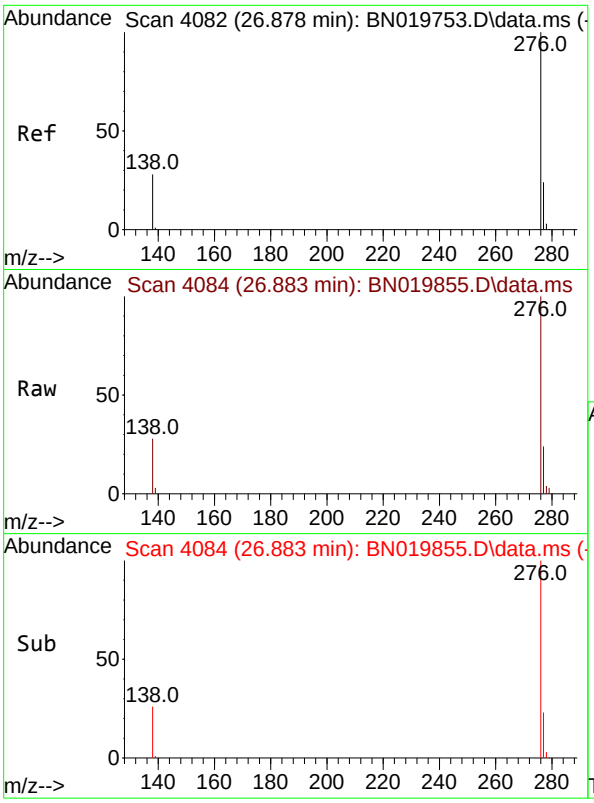


#40
Dibenzo(a,h)anthracene
Concen: 0.317 ng
RT: 26.161 min Scan# 3837
Delta R.T. -0.000 min
Lab File: BN019855.D
Acq: 19 May 2022 14:56

Tgt Ion:278 Resp: 15539

Ion	Ratio	Lower	Upper
278	100		
139	22.5	18.6	28.0
279	25.2	19.7	29.5





#41
Benzo(g,h,i)perylene
Concen: 0.318 ng
RT: 26.883 min Scan# 4
Delta R.T. 0.005 min
Lab File: BN019855.D
Acq: 19 May 2022 14:56

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:276 Resp: 16062

Ion	Ratio	Lower	Upper
276	100		
277	24.1	19.5	29.3
138	27.9	22.6	34.0